

RG 104, 8KRA-104-84-046 +
8KRA-104-84-052
Combined Into One Series
(One Box)

8KRA-104-84-052, Letters Received,
1905 1 Bundle (Combined with
8KRA-104-84-046)

INDEX

RS 104. Min +

Contract for fiscal year ending June 30, 1908, with:

(Place.) The John Shillito Company.

(Date.) Cincinnati, Ohio.

The undersigned hereby agree to furnish coin bags of the qualities and makes below described, in such quantities as may be ordered by the Secretary of the Treasury, at the prices stated:

No. of Sample.	Description of Bag.	For what amount to be used.	Rate per bag delivered—	
			At points East of the Rocky Mountains.	At points West of the Rocky Mountains.
1	Bag to be 20½ inches long, 12 inches wide, to be of duck made from middling cotton, weighing not less than 8 ounces to the yard of 29 inches width, counting not less than 50 double threads to the inch in the warp and not less than 32 double threads to the inch in the filling, to be free from starch or sizing of any kind, and sewed with double row of stitching (lock-stitch) with No. 8 best six-cord cotton thread, well stayed to prevent raveling.	\$1,000 silver.....	<u>\$0.1181</u>	<u>.1181</u>
2	Bag to be 14 inches long, 6½ inches wide, and to be of same material and make as sample No. 1.	\$5,000 gold.....	<u>.0575</u>	<u>.0575</u>
3	Bag to be 16 inches long, 9½ inches wide, and to be of same material and make as sample No. 1.	\$500 silver.....	<u>.0784</u>	<u>.0784</u>
4	Bag to be 16 inches long, 9½ inches wide, and to be made of strong drill, sewed with double row of stitching (lock-stitch) and strong thread, well stayed to prevent raveling.	\$500 silver.....	<u>.03873</u>	<u>.03873</u>
5	Bag to be 14½ inches long, 6½ inches wide, to be made of strong, heavy sheeting, and to be sewed with lock-stitch and strong thread, well stayed to prevent raveling.	\$200 silver	<u>.0201</u>	<u>.0201</u>
6	Bag to be 9½ inches long, 6 inches wide, and to be of same material and make as sample No. 5.	\$100 silver.....	<u>.0136</u>	<u>.0136</u>
7	Bag to be 8¾ inches long, 3¾ inches wide, and to be of same material and make as sample No. 5.	\$50 silver.....	<u>.0095</u>	<u>.0095</u>
8	Bag to be 17 inches long, 11½ inches wide, and to be of the same material and make as sample No. 4.	\$200 nickel.....	<u>.0451</u>	<u>.0451</u>
9	Bag to be 8½ inches long, 2½ inches wide, and to be of the same material and make as sample No. 5.	\$10 dimes, or \$5 nickel.	<u>.007</u>	<u>.007</u>
10	Bag to be 5½ inches long, 5 inches wide, and to be made of same material as No. 1 (duck), to be sewed with lock-stitch of strong thread, well stayed to prevent raveling.	Nos. 10 and 11 to be used together in making \$70 shipments of silver by mail.	<u>.0139</u>	<u>.0139</u>
11	Bag to be 5½ inches long, 4¾ inches wide, and to be of same material and make as sample No. 5.		<u>.0065</u>	<u>.0065</u>

(Bidders should state Name and Address.)

Stewart Shillito, Prest.

INSTRUCTIONS TO BIDDERS—COIN BAGS.

No bags are kept in the Stock of the Department, but they are ordered, from time to time, in quantities as required, upon requisition of public officers' and must be promptly delivered to any part of the United States, free of expense to the Government. Bags delivered and found to be inferior to samples submitted will be returned to contractor at the expense of the latter for transportation.

As some of the bags will be sent to public officers on the Pacific coast two rates will be given—one for delivery at points east, and one at points west, of the Rocky Mountains.

The Department is unable to state the number of bags which will be required. During the fiscal year ended June 30, 189 over hundred thousand were ordered in sizes as shown inside.

Envelopes containing proposals should be marked "Proposals for Coin Bags," and addressed to the Secretary of the Treasury, accompanied by a sample bag of each size.

The bids will be considered and accepted or rejected item by item, and this proposal, so far as accepted by the Secretary of the Treasury, shall constitute the contract between the Government and the bidder, and no further contract will be executed.

Proposals will be received until June at 2 o'clock p. m.

The right is reserved to reject any or all bids, and to waive defects.

A certified check for \$400 will be required from the successful bidder as a guaranty of faithful performance of contract.

Secretary of the Treasury.

INSTRUCTIONS TO BIDDERS - COIN BAGS

NUMBER OF COIN BAGS ORDERED DURING FISCAL YEAR

Size No. 1.....

Size No. 2.....

Size No. 3.....

Size No. 4.....

Size No. 5.....

Size No. 6.....

Size No. 7.....

Size No. 8.....

Size No. 9.....

Size No. 10.....

Size No. 11.....

THE COLORADO IRON AND METAL CO.

Dealers in

SCRAP IRON, RUBBER AND METALS

Office and Yards 439 Larimer St.

Jobbers in
SECOND-HAND MACHINERY
and BAR IRON

June 18th,

Denver, Colo.,

190

Supt. U. S. Mint,

City.

Dear Sir:-

We beg to offer you the following prices
for material as inspected by the writer.

\$22.912 ^x	305 ^{7/2}	Copper 7 1/2¢ per pound	^x
9.620 ^x	137 ^{1/2}	Brass 7 ¢ per pound	^x
12.067 ^x	228 ^{1/2}	Brass Chips 5 1/2¢ per pound	^x
3.84 ^x	77 ^{1/2}	Copper wire with the insulation 5 ¢ per pound	^x
.114	40 ^{7/2}	Scrap iron 7.00 per ton	[✓]
49.119		Lead 4¢ per pound.	

ground.

The above prices apply for good on your

Very truly,

The Colorado Iron & Metal Co.,

Per

M. S. Radetzky

*Ents. June 20/08
H. J. P.*

7235 lbs.

*Accepted
+ 6/20/08*

✓ Accepted 6/20

*x Accepted 6/20
x ch. recd
for 49.12*

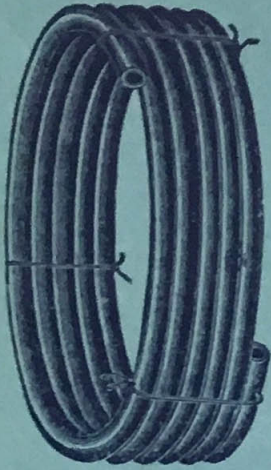
*ch. recd on Central Natl. Bk
6/23 for 7235.32*

THOS. P. HUGHES, Pres.

"FORWARD"

JNO. T. LUND, Sec'y & Treas.

Telephones Main 8183 and 470.



THE COLORADO LEAD WORKS COMPANY.

Manufacturers and Dealers in

PIG LEAD, LEAD PIPE, SHEET LEAD,
CAME LEAD, SOLDER, BABBITT,
AND DRUM-TRAPS.

1516 BLAKE STREET.

Denver, Colo., June 18th, 190 8

Mr. Frank M. Downer,

Superintendent Mint of the United States at Denver,
Denver, Colo.

Dear Sir:

Replying to your favor of the 15th inst., we are pleased
to quote you \$4.45 per 100 pounds for the 152 ~~cakes~~ of Pigs of
Lead, to which you refer.

Hoping this bid will meet with your favor, we remain,

Very respectfully,

THE COLORADO LEAD WORKS COMPANY,

By Jno T Lund

Sec'y & Treas.

6,976.74 lbs

*Accepted 6/20/08
x chg. recd. 6/23 d.
re Capital Water
for \$310.40*

*Entd.
June 20/08.
H.J.D.*

The Bogue Lead Company

MANUFACTURERS OF

PIG LEAD AND LEAD PRODUCTS.

1810 BLAKE ST.

Denver, Colo., June 18, 1908.

The Mint of the United States,

Mr. Frank M. Downer, Sup't,

Denver, Colorado.

Dear Sir:

Replying to your favor of the 17th inst., we offer you
\$4.27½ per 100# for the Pig Lead mentioned.

Offer is for immediate acceptance.

Yours very truly,

THE BOGUE LEAD COMPANY,

L. M. Bogue -
President.

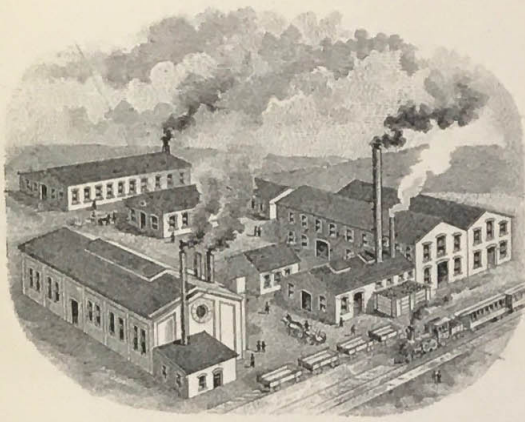
LMB-L

Duplicate

June 18/88

Wm. S. S. S. S. S.
C. S. S. S. S. S.

Visit in all
last at the



WORKS,
PUEBLO.

The Stearns-Roger Manufacturing Co.
Engineers, Founders and Machinists.
1718-20-22-24 California St.

Denver, Aug. 14th, 1908.

The United States Mint, Denver,
Mr. Frank M. Downer, Supt.,
City.

Gentlemen:--

Replying to your letter of the 6th inst., we take pleasure in quoting you on a Connersville Blower and Motor for the Mint:

For the sum of One Thousand Nine Hundred Twenty Seven Dollars and Twenty Cents.....\$1927.20,
we agree to furnish and set in the basement of the Mint:

One (1) Connersville Standard Blower as per your specifications, built and constructed as illustrated and described in the Connersville Company's catalog #10, copy of which we are mailing you under separate cover.

This Blower has a displacement of 13 cu. ft. per revolution, and is capable of being operated continuously at a speed of 250 R.P.M. against a pressure of 32 oz., as shown on page 13 of this catalog. We will furnish this Blower with bed-plate and cast iron gear and rawhide pinion, also outer bearing for driving shaft, the bed-plate arranged for motor, also an automatic pressure regulating device which will maintain a constant pressure of 20 oz. per square inch and control the speed of the blower to suit the number of furnaces in operation.

We will also furnish for the above outfit, fitted with rawhide

U.S.Mint.

-2-

pinion, One (1) - #12 Type SA, shunt wound, semi enclosed West-
inghouse Motor, 20 HP., 230 volts, 220 to 600 R.P.M., speed
variation secured by field control.

Trusting to receive your order for same, we are,

Very truly yours,

The Stearns-Roger Mfg. Co.,

By

B

E.R.--H.F.B.

THE HENDRIE & BOLTHOFF MFG. CO.

MANUFACTURERS AND JOBBERS OF

Mining, Milling, Electrical Machinery and Railway Supply

1621 to 1639 17th Street Cor. Wynkoop.
OPPOSITE UNION DEPOT.

DENVER, COLO.

July 21

Address all correspondence to the Company.

The Hendrie & Bolthoff Mfg. and Sup. Co.
Denver, Colo., U. S. A.

This letter is in reply to your favor of

and is for the attention of

United States Mint,

C I T Y .

Gentlemen:-

Attention Mr. Frank M. D owner, Supt.

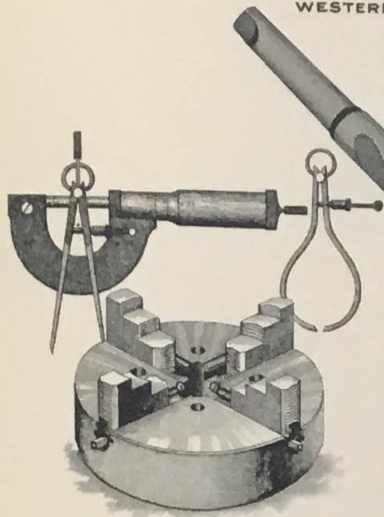
Yours of the 21st inst., duly received. We regret omitting
stated time of shipment of blower recently quoted you; but, will say,
that the manufacturers have promised shipment in about 30 days from
factory upon receipt of order. Thanking you again for your inquiry
and hoping that we may receive your valued order, we remain,

Yours very truly,

H H K/K

HENDRIE & BOLTHOFF MFG. & SUPPLY CO.

WESTERN UNION CODE USED.



Machinists Platers Engineers
MINE AND MILL

SUPPLIES and TOOLS.

IRON & WOOD WORKING MACHINERY.

1725-1727-1729-1731 BLAKE ST.

BICYCLE
SUPPLIES

BRANCH OFFICES:

SALT LAKE CITY, UTAH
326-327 DOOLEY BUILDING
JOHNSON & WYLAND
SALES AGENTS

EL PASO, TEXAS
309 ST. LOUIS STREET
GEORGE PACKER, JR.
SALES AGENT

Denver, Colo., Aug. 4, 1908 190

REPRESENTING

CINCINNATI MILLING MCH. CO.
MILLING MACHINES
CUTTER GRINDERS

CINCINNATI PLANNER CO.
VARIABLE SPEED PLANERS

BICKFORD DRILL & TOOL CO.
RADIAL DRILLS

CINCINNATI SHAPER CO.
CINCINNATI MACHINE TOOL CO.
UPRIGHT DRILLS

LODGE & SHIPLEY MCH. TOOL CO.
QUICK CHANGE GEAR LATHES

PUTNAM MACHINE CO.
IRON WORKING TOOLS

J. J. McCABE
DOUBLE SPINDLE LATHES

RAHN-CARPENTER CO.
LATHES

GREAVES & KLUSMAN & CO.
ENGINE LATHES

SENECA FALLS MFG. CO.
WOODWORKING MACHINES
"STAR" LATHES

GOULD & EBERHARDT
AUTOMATIC GEAR CUTTERS

A. STREIT MCH. CO.
FULLEY LATHES

KING MACHINE TOOL CO.
SPECIAL BORING MILLS

H. BICKFORD & CO.
BORING MILLS

WARNER & SWASEY CO.
SCREW AND TURRET MACHINES

JARECKI MFG. CO.
PIPE CUTTERS

BAKER BROS.
KEY SEATERS
SAW BENCHES

FOOTE, BURT & CO.
RELIANCE BOLT CUTTERS

JOHN T. BURR & SON
PORTABLE KEY SEATERS

WILLIAMS, WHITE & CO.
PUNCHES AND SHEARS

BURKE MACHINE CO.
SENSITIVE DRILLS
COAL OIL FORGES

OLIVER MCHY. CO.

QUINCY, MANCHESTER, SARGENT CO.
COLD METAL SAWING MACHINES

JAS. CLARK, JR. CO.
ELEC. DRIVEN TOOLS

B. F. BARNES & CO.
DRILLS AND GRINDERS

J. A. FAY & EGAN CO.
WOODWORKING MACHINERY

PEERLESS RUBBER MFG. CO.
RUBBER GOODS

NOVO STEEL

Frank M. Downer, Supt.
Mint of the U. S.

Denver, Colo.

Dear Sir:-

Replying to your favor of the 21st inst replying to our proposal of June 23rd, to furnish to the Mint one Blowing Opparatus, will say if the check valve is left out, you can make our bid read, for blower \$1121.00 Price of motor to be added to this according to the motor selected.

The factory states they can ship the blower in 30 days after receipt of order and the machine complete with motor, in 45 to 60 days, according to how long it would take them to get the motor to their works. They also stated that if delivery is an object, they could possibly cut this time somewhat.

Yours very truly,

THE SCOTT SUPPLY & TOOL CO.

Price RES.

P-H

TREASURY DEPARTMENT.

Including #14
check valve +
#7 motor

#7 motor +
valve omitted

#12 motor +
valve omitted

Hendrie & Bolthoff

-

1649.70

1820.50

Scott Supply & Tool Co.

1646.60

1583.00

2092.00

Hampson & Fielding

1723.28

1612.38

Stearns Paper.

1927.20

HAMPSON & FIELDING

MACHINERY & ENGINEERING

1711 TREMONT ST.

TELEPHONE MAIN 474 **DENVER, COLO.**

August 7, 1908.

Mint of the United States,
Mr. Frank M. Downer, Supt.,
City.

Gentlemen:-

Your favor of August 6th at hand. The reduction in the amount of our proposal for blower and motor, in the amount of \$84.00, does not contemplate any change whatever in the specifications as submitted to us, and is merely giving you the benefit of reduction in factory costs. We felt it our duty to give you this information, as we had already figured our profit on the work, and trust that we may have the pleasure of filling your order.

Yours very truly,

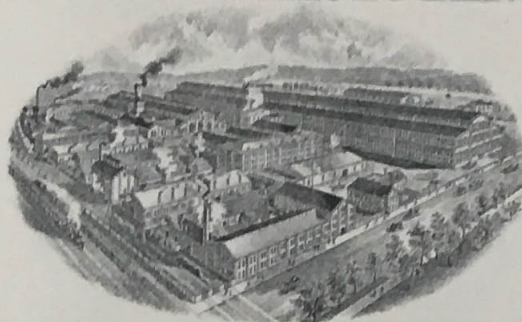
THE HAMPSON-FIELDING ENGINEERING CO.,

CMH-B

By 

THE JEFFREY MANUFACTURING COMPANY,

J.A. JEFFREY, PRES & GEN. MANAGER.
ROBERT H. JEFFREY, VICE PRES & PUR. AGENT
R. GROSVENOR HUTCHINS, VICE PRES
CHARLES W. MILLER, SECRETARY
H.B. DIERDORFF, SUPERINTENDENT



Main Office and Works
COLUMBUS, OHIO.
Branches
NEW YORK BOSTON
PITTSBURGH CHICAGO
ST. LOUIS DENVER
KNOXVILLE CHARLESTON, W. VA.
Canadian Office and Works
MONTREAL.

Cable 'JEFFREY'
CODES
A. B. C. 5TH EDITION.
WESTERN UNION
LIEBERS
ATLANTIC CABLE

ELEVATING, CONVEYING & MINING MACHINERY.

ADDRESS ALL COMMUNICATIONS TO THE COMPANY.

FOR ATTENTION OF

Western Branch, Denver, Colo., August 7th, 1908.
1710 GLENARM ST.

SUBJECT

Mr. Frank M. Downer Esq., Superintendent,
The Mint of the United States at Denver, Colo.

Dear Sir:-

Replying to your favor of the 6th, we regret that we are unable to quote you to advantage on the blower you require, the same being out of our line. However, we will be pleased to receive your future specifications covering work of our manufacture, and thank you for remembering us in this instance.

Very truly yours,

THE JEFFREY MANUFACTURING CO.

WBD

PER

Frank M. Downer
W. B. D.

Copy

THE MINT OF THE UNITED STATES AT DENVER,
OFFICE OF THE SUPERINTENDENT,

Sept. 29th, 1908.

The Hampson & Fielding Engineering Co.,
City.

Sirs:-

I have to accept your proposal of August 1st, 1908, to furnish f.o.b. ground floor of this institution, one Connorsville Standard Blower and attachments, and one Westinghouse motor, all as per specifications for the net sum of \$1612.38.

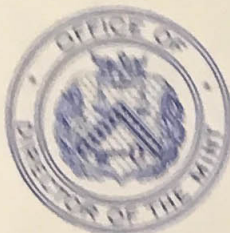
Respectfully,

(Signed)

Mark W. Banner
Superintendent.

Other Bidders:

one other	1000.00
Hendrie & Balhoff	1820.50
Scott Supply & Tool Co.	2092.00



TREASURY DEPARTMENT

WASHINGTON

September 24, 1908.

Superintendent United States Mint,
Denver, Colorado.

Sir:

Your letter of the 21st instant, in relation to the purchase of a blower for your institution, received. I note what you say about the American Gas Furnace Company, and in view of your statement hereby approve of your award to the lowest bidder for a blower, as submitted to me in your letter of the 9th instant. However, I am at a loss to understand why it is that the few furnaces you have require such a greater amount of air than the 16 melting furnaces and bench of deposit melting furnaces at the San Francisco mint, which are all run with a #6 American Gas Co. blower. It is possible that the difference is due to the character of fuel, although they have a #4 Sturtivant blower for the four oil melting furnaces in the new refinery at San Francisco.

There will be no need of getting a bid from the American Gas Furnace Co., if their furnace will not do the work.

Respectfully,

John A. Beck
Director of the Mint.

*Blower ordered of
Hampton - Fielding
9/29/08
L*

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT.

1908

Director of the Mint.

SUBJECT

*Authenticity of Specimens
Planned.*

U.S. DEPARTMENT OF THE TREASURY

WASHINGTON

September 22, 1908

NO. OF INCLOSURES,

MINT OF THE UNITED STATES AT DENVER,
OFFICE OF THE SUPERINTENDENT,

DEC 12 1906, 190

Colorado Iron & Metal Co

To Mint of the United States, Denver, Dt

Net			
7135*	Iron		\$39.24
184*	Copper		31.28
280*	wire " insulated		33.60
310*	Brass		49.60
38*	Zinc		1.42
			<u>\$155.14</u>

Sold Dec. 13/06

Colo. Iron & Metal Co.

Iron	@ 11 ⁰⁰ per ton	39.24
Copper	" 17 " lb.	31.28
" "	" 12 " "	33.60
" "	" 16 " "	49.60
" "	" 03 3/4 " "	1.42
		<u>\$155.14</u>

Mark Lipchitz	@ 79 per ton	\$32.11
" "	" 15 per lb.	27.60
" "	" 16 1/2 " "	46.20
" "	" 13 " "	40.30
" "	" 03 " "	1.14
		<u>\$147.35</u>

THE MINT OF THE UNITED STATES AT DENVER,

Meery, 1906

Superintendent.

SUBJECT:

*Ready on old
materials*

NO. OF INCLOSURES,

00

MINT OF THE UNITED STATES AT DENVER,
FOREMAN
OFFICE OF ~~SUPERINTENDENT~~ OF MACHINERY,

DENVER, COLO., July 21, 1908.

F. M. Downer, Esq.,
Superintendent,

Sir:-

I have examined the proposals submitted by the Hampson & Fielding Engineering Co., Scott Supply & Tool Co., and Hendrie & Bolthoff Mfg. Co., for furnishing blower and apparatus, and have the honor to submit the following report and recommendations:

I find that Hampson & Fielding have followed the specifications very closely; Scott Supply & Tool Co., and Hendrie & Bolthoff Co. have not followed them so closely. But this fact does not make any material difference as it was impossible to follow them in regard to regulating device, as the manufacturers of blowers refused to change pattern to suit specified device. Each bidder has however, quoted upon a suitable substitute, and all have quoted upon the same device. In making this change two of the bidders, Scott Supply Co. and Hendrie & Bolthoff Co., have quoted on one more type of motor than was called for in our specification. This we believe to be of advantage to the equipment. One bidder, Hendrie & Bolthoff, omitted to quote on the 14" check valve as specified. In the regulating device quoted this valve is not required. Two bidders, Scott Supply Co., and Hendrie & Bolthoff Co., have omitted to state how much time they would require to fulfill contract after receipt of order. For these reasons I would recommend as follows:

That Hampson & Fielding be invited to make a supplementary proposal, quoting their price when furnishing Westinghouse motor #12 - Type "S.A", and omitting the 14" check valve.

MINT OF THE UNITED STATES AT DENVER,

OFFICE OF SUPERINTENDENT OF MACHINERY,

, 190 .

Superintendent.

SUBJECT:

No. of Inclosures,

F.M.D.-----2

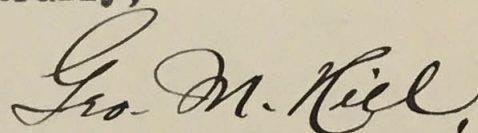
That Scott Supply & Tool Co. be requested to quote price of blower omitting the 14" check valve, and to state how much time they would require to fulfill contract after receipt of order.

That Hendrie & Bolthoff be requested to state how much time they would require to fulfill contract after receipt of order.

This would place all bidders upon an equal basis.

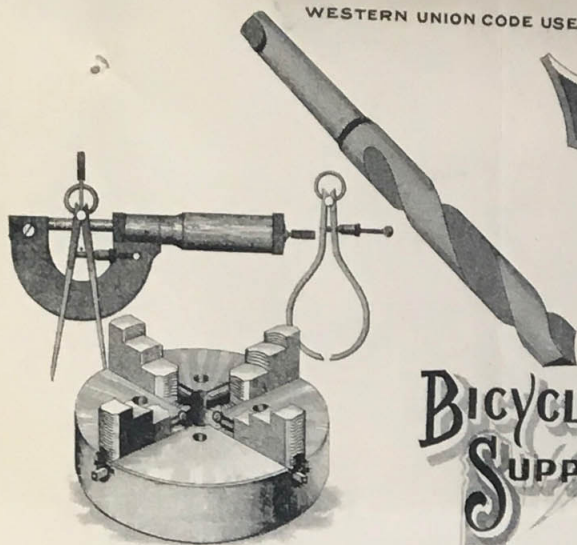
This matter is submitted for your consideration, and if consistent with your views, letters to the above mentioned firms are attached, which I believe will cover all points.

Respectfully,

A handwritten signature in cursive script, reading "Geo. M. Niel". The signature is written in dark ink and is positioned above the typed name.

Foreman Mchy. Dept.

WESTERN UNION CODE USED.



**BICYCLE
SUPPLIES**



Machinists Platers Engineers
MINE AND MILL

SUPPLIES and TOOLS.

IRON & WOOD WORKING MACHINERY.

1725-1727-1729-1731 BLAKE ST.

Denver, Colo., June 23, 1908

BRANCH OFFICES:

SALT LAKE CITY, UTAH
326-327 DOOLEY BUILDING
JOHNSON & WYLAND
SALES AGENTS

EL PASO, TEXAS
309 ST. LOUIS STREET
GEORGE PACKER, JR.
SALES AGENT

REPRESENTING

CINCINNATI MILLING MCH. CO.
MILLING MACHINES
CUTTER GRINDERS
CINCINNATI PLANER CO.
VARIABLE SPEED PLANERS
BICKFORD DRILL & TOOL CO.
RADIAL DRILLS
CINCINNATI SHAPER CO.
CINCINNATI MACHINE TOOL CO.
UPRIGHT DRILLS
LODGE & SHIPLEY MCH. TOOL CO.
QUICK CHANGE GEAR LATHES
PUTNAM MACHINE CO.
IRON WORKING TOOLS
J. J. McCABE
DOUBLE SPINDLE LATHES
RAHN-CARPENTER CO.
LATHES
GREAVES & KLUSMAN & CO.
ENGINE LATHES
SENECA FALLS MFG. CO.
WOODWORKING MACHINES
"STAR" LATHES
GOULD & EBERHARDT
AUTOMATIC GEAR CUTTERS
A. STREIT MCH. CO.
PULLEY LATHES
KING MACHINE TOOL CO.
SPECIAL BORING MILLS
H. BICKFORD & CO.
BORING MILLS
WARNER & SWASEY CO.
SCREW AND TURRET MACHINES
JARECKI MFG. CO.
PIPE CUTTERS
BAKER BROS.
KEY SEATERS
SAW BENCHES
FOOTE, BURT & CO.
RELIANCE BOLT CUTTERS
JOHN T. BURR & SON
PORTABLE KEY SEATERS
WILLIAMS, WHITE & CO.
PUNCHES AND SHEARS
BURKE MACHINE CO.
SENSITIVE DRILLS
COAL OIL FORGES
OLIVER MCHY. CO.
QUINCY, MANCHESTER, SARGENT CO.
COLD METAL SAWING MACHINES
JAS. CLARK, JR. CO.
ELEC. DRIVEN TOOLS
B. F. BARNES & CO.
DRILLS AND GRINDERS
J. A. FAY & EGAN CO.
WOODWORKING MACHINERY
PEERLESS RUBBER MFG. CO.
RUBBER GOODS
NOVO STEEL

Frank M. Downer, Supt.,
United States Mint,
Denver, Colo.

Dear Sir:

As requested in yours of the 22nd ult., we are pleased to quote you, delivered F. O.B. ground floor of the United States Mint Bldg., Denver, one of the latest improved, horizontal Standard Connorsville Blowers, built and constructed as illustrated and described in their #10 catalogue, copy of which we are mailing under separate cover, this Blower to have a displacement of 13 cu. ft. per revolution and is capable of being operated continuously at a speed of 250 R. P. M. against a pressure of 32 oz. Blower to be furnished with bed-plate, cast iron gear and rawhide pinion, also outer bearing for driving shaft. Bed plate arranged for the motor. Also an automatic pressure regulating device which will maintain a constant pressure of 20 oz. per sq. inch and control the speed of the Blower to suit the number of furnaces in operation. The price of above, including one 14" check valve, \$1184.60.

This is the price without the motor and the prices of different kinds and makes of motors are as follows. Price of motor selected to be added to above price to make the net cost.

GENERAL ELECTRIC MOTORS.

1-CLB 20 frame, 20 horse power, 600 to 200 R. P. M., 230 volt, shunt wound, semi-enclosed motor. The speed of this motor is reduced by inserting resistance in the armature circuit. Price \$588.00.
OR,

1-CBL 25 frame, 20 horse power, 200 to 400 R. P. M. by Armature control, 400 to 600 R.P.M. by Field control, shunt wound, semi-enclosed, \$726.00.

Frank M. Downer, Supt.---2

WESTINGHOUSE MOTORS.

✓ 1-#7 Type S shunt wound, semi-enclosed, 20 horse power, 230 volt, 600 R.P.M. armature control, \$462.00

Or,

1-#12 Type SA, shunt wound, semi-enclosed, 20 horse power, 230 volt, 220 to 600 R.P.M., speed variation secured by field control, \$971.00.

BULLOCK MOTOR.

1-Type K 20 horse power, 360 R.P.M., 230 volt, open motor, 3 to 1 variation, 50% decrease by armature control and 50% increase by field control, maximum speed 570 R.P.M., \$567.00.

The regulator on all above would be of the Cutler-Hammer type, Bulletin #24 rheostat, with double pole, double arm overload and no voltage release, mounted with air cylinder, and piston control device, so arranged as to reduce the speed when pressure goes above 20 oz. and increase the speed when pressure goes below 20 ozs. This circuit practically was gotten up especially for Government service and we will send the sketch of the automatic controlling device in a few days. We will also furnish a drawing of this outfit complete as soon as it is decided what motor will be used.

We will guarantee the Blower when running at 225 revolutions per minute and working against a pressure of 20 oz. per square inch, to discharge 2600 cu. ft. of atmospheric air per minute, and that the motor will not use to exceed 75 amperes at 230 volts per minute and that under these conditions, the motor speed will not exceed 600 R. P. M.

Yours very truly,

THE SCOTT SUPPLY & TOOL CO.

Wm. J. Scott Pres.

THE HENDRICK & BOLTHORN MFG. AND SUPPLY CO.

MANUFACTURERS AND JOBBERS OF

Mining, Milling, Electrical Machinery and Railway Supplies.

1621 to 1639 17th Street Cor. Wynkoop.
OPPOSITE UNION DEPOT

DENVER, COLO. June 27, 1908.

Address all correspondence to the Company.

United States Mint,

Frank M. Downer, Supt.,

Denver, Colorado.

Gentlemen:-

We have finally secured data on motor driven positive blower, but we are unable to follow precisely the lines of your specifications owing to the manufacturer declining to change their patterns. We trust however, the machinery upon which we are quoting you will answer your requirements.

We will furnish you a Connorsville, latest improved horizontal standard blower, built and constructed as illustrated and described in their latest #10 catalog, copy of which we are handing you herewith. This blower has the displacement of 13 cubic feet per revolution, and is capable of being operated continuously at a speed of 250 R.P.M. against a pressure of 32 ounces as shown on page 13 #10 catalog. We will furnish this blower with bed plate and cast iron gear, and rawhide pinion, also outer bearings for driving shaft, the bed-plate arranged for motor, also an automatic pressure regulating device, which will maintain a constant pressure of 20 ounces per square inch, and control the speed of the blower to suit the number of furnaces in operation, and the prices of the different kinds and makes of motors complete with blower are as follows:-

GENERAL ELECTRIC MOTORS -

ONE- CLB 20 frame, 20 HP., 600 to 200 R.P.M., 230 Volt, shunt wound, semi-enclosed motor. The speed of the above motor is reduced by inserting resistance in the armature circuit complete, - - - - - \$1776.20

Or with same blower,

ONE- CLB 25 frame, 20 HP., 200 to 400 R.P.M. by armature control, 400 to 600 R.P.M. by field control, 230 volts, shunt wound, semi-enclosed motor complete, - - - - - \$1913.70

WESTINGHOUSE MOTORS

or with,

ONE-#7-Type S, shunt wound, semi-enclosed motor, 20 HP
230 volt, 600 RPM, armature control, complete \$1649.70

or with,

ONE- #12, type SA, shunt wound, semi-enclosed
motor, 20 HP, 230 Volt, 220 to 600 R.P.M.
speed variation secured by field control,
complete, - - - - - \$1820.50

BULLOCK

or with,

ONE- Type K, 20 HP, 360 R.P.M., 230 volt, open
motor, 3 to 1 variation, 50% decrease by
armature control, and 50% increase by field
control, maximum speed 570 R.P.M., complete - \$1416.80

The regulator will be Cutler-Hammer type, bulletin #24 rheostat with double pole, double arm overload, and no voltage release, mounted with air cylinder and piston control device, so arranged as to reduce the speed when the pressure goes above 20 ounces, and increase the speed when the pressure goes below 20 ounces. This particular circuit breaker was gotten up for government service .

We will agree to furnish drawings of this outfit complete, as soon as it is decided upon which motor will be used. We will guarantee this blower when running 225 R.P.M. and working against a pressure of 20 ounces per square inch, to discharge 2,600 cu. ft. of atmospheric air per minute, and that the motor will not use to exceed 75 amperes at 230 volts under these conditions, the motor speed will not exceed 600 R.P.M.

The above quotations are based on machinery delivered on the First floor of the United States Mint Building.

Thanking you for the inquiry, and trusting that we may receive your valued order, we beg to remain,

Yours very truly,

HHK/K

HENDRIE & BOLTHOFF MFG. & SUPPLY CO.

HAMPSON & FIELDING

MACHINERY & ENGINEERING

1711 TREMONT ST.

DENVER, COLO.

July 7, 1908

Mint of the United States,
Denver, Colorado.
Gentlemen:-

We take pleasure in submitting herewith proposal contract for 1- Connersville Blower, direct connected and provided with a regulating device, by which the air is regulated for the number of furnaces that may be running.

You will note that we have provided a Cutler Hammer Controller, instead of the Pneumatic Unloader referred to in your request for prices, dated May 22d, but should you prefer the Pneumatic Controller, we can furnish this for \$250.00 added to the price quoted in the proposal, but we recommend the installation as given in the proposal, as it will work well and cost less.

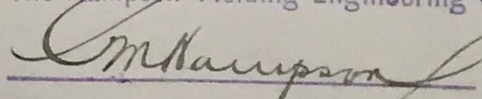
We particularly call your attention to the fact that the Cutler Hammer Controller has been adopted by the U. S. Government, and many others, and it has proven very satisfactory.

We should be very glad to make you further explanations at such time and place as may suit your convenience, and we trust that we may have the pleasure of receiving your order.

Yours sincerely,

H./F.
ENC.

The Hampson-Fielding Engineering Co.,

 Pres't

P R O P O S A L
FROM
HAMPSON & FIELDING

PROPOSAL - CONTRACT

HAMPSON *and* FIELDING

Machinery-Engineering

We guarantee this blower to deliver (1300) cubic feet of atmospheric air per minute at (225) R.P.M. and (20) ounces pressure per square inch and that motor will not use to exceed (75) amperes. DENVER, COLO., July 7, 1908.

MOTOR:

TO Mint of the United States,
..... Denver, Colorado,

STARTING APPARATUS: Engineering Co. :

THE HAMPSON & FIELDING (hereafter called the Sellers) propose to furnish you f. o. b. cars .. Ground Floor Denver Mint, machinery, apparatus and material as specified below upon the terms and conditions and at the price hereafter named.

SPECIFICATIONS

1- Swing check valve (14") *for* fitted to discharge of the blower.

CONNERSVILLE BLOWER

BLOWER:

- 1- Connersville Standard Blower, horizontal type as described in catalogue #10 herewith, page 13, to have a displacement of (13) cubic feet per revolution and capable of being operated continuously at a speed of (250) R.P.M. against a pressure of (32) ounces. Bedplate, cast iron gears and rawhide pinion, outer bearing for driving shaft to be furnished. Bedplate to be arranged for Motor.

An automatic pressure regulating device will be provided which will be provided which will maintain a constant pressure of (20) ounces per square inch and control the speed of the blower to suit the number of furnaces in operation from one to ten the amount of air to be regulated proportionately to the number of furnaces in use. In service the maximum load will be given for each furnace from four to ten furnaces in operation. If there are ten furnaces

TERMS AND CONDITIONS SPECIFICATIONS

2

GUARANTEE:

The Sellers guarantee the machinery and apparatus specified herein to be of full working capacity as rated, and agree to correct any defects in the same which develop within thirty days from the starting thereof, provided that the Purchaser gives the Sellers immediate written notice of such defects and provided that during said period the apparatus shall not be taxed beyond its normal and intended use.

We guarantee this blower to deliver (2600) cubic feet of atmospheric air per minute at (225) R.P.M. and (20) ounces pressure per square inch and that motor will not use to exceed (75) amperes at (230) volts.

MOTOR:

- 1- Westinghouse type S. #7, Shunt Wound, semi-enclosed motor, (20) H.P. 230 volts, D.C. 600 R.P.M. with armature control, suitable to drive blower without undue heating and of ample power.

CANCELLATION:

STARTING APPARATUS:

- 1- Cutler-Hammer type regulator, bulleting #24 with double pole, double arm overload and no-voltage release, mounted on slate panel with air cylinder and piston control device, so arranged as to reduce the speed when the pressure goes above (20) ounces and increase the speed when pressure is below (20) ounces. (This particular breaker was got up for Government service,) see cut)

DELIVERY CHECK VALVE:

- 1- Swing check valve (14") to be fitted to discharge of the blower. a such material is delivered to any Common Carrier, in good condition, properly addressed to the Consignee, such delivery shall constitute delivery to the Purchaser, and from that time shall be at Purchaser's risk, and in the event of loss or damage the Purchaser shall look to said Common Carrier only for compensation.

The receipt, or acceptance, by the Purchaser of any material herein specified shall constitute an entire waiver of any claim for damage caused by delayed delivery.

The Bill of Lading, or reliable receipt from any Common Carrier, shall constitute proof of delivery.

INSTALLATION:

When the Sellers have so delivered all of the material herein specified, they shall have completed their agreement with the Purchaser, and no expense of installation shall be borne by the Sellers unless by special agreement.

TERMS AND CONDITIONS

GUARANTEE:

The Sellers guarantee the machinery and apparatus specified herein to be of full working capacity as rated, and agree to correct any defects in the same which develop within thirty days from the starting thereof, provided that the Purchaser gives the Sellers immediate written notice of such defects, and provided that during said period the apparatus shall not be taxed beyond its normal capacity, shall be regularly cleaned and cared for, and shall be operated in a normal and proper manner.

The Sellers will make no allowance, nor be responsible for repairs, expenditures or alterations made by others without their written consent, nor shall they be held responsible or liable for any loss, damage, detention or delay by any cause beyond their control. It is agreed that in case of defect the Sellers' liability is limited to replacing the defective material, f. o. b. Denver, and that no claim for labor or consequential damage shall be allowed.

CANCELLATION:

Should the Purchaser desire to cancel order, for any portion of the machinery, apparatus or material to be furnished under this contract, such cancellation shall be made only with the consent of a member of the firm. Should such cancellation be accepted, the Purchaser shall pay the Sellers twenty per cent. (20%) of the selling price of such material or apparatus as may be cancelled. The Purchaser also agrees to pay in full all shipment expenses which may be incurred in returning such apparatus or material to point of manufacture.

DELIVERY:

All material shall be carefully prepared for domestic shipment, unless otherwise herein specified, and when such material is delivered to any Common Carrier, in good condition, properly addressed to the Consignee, such delivery shall constitute delivery to the Purchaser, and from that time shall be at Purchaser's risk, and in the event of loss or damage the Purchaser shall look to said Common Carrier only for compensation.

The receipt, or acceptance, by the Purchaser of any material herein specified shall constitute an entire waiver of any claim for damage caused by delayed delivery.

The Bill of Lading, or suitable receipt from any Common Carrier, shall constitute proof of delivery.

INSTALLATION:

When the Sellers have so delivered all of the material herein specified, they shall have completed their agreement with the Purchaser, and no expense of installation shall be borne by the Sellers unless by special agreement.

OWNERSHIP AND TITLE:

It is mutually agreed that the title to the machinery, apparatus and material covered by this contract shall not pass from the Sellers until the contract price for the same has been fully paid.

Notes accepted by the Sellers shall not constitute payment.

The Purchaser hereby agrees to do all acts necessary for such retention of title and ownership in the Sellers, and to insure the Sellers against loss or damage, however caused, to machinery, apparatus or material delivered, until the same has been fully paid for as herein provided.

Upon default in any payment herein provided, the Sellers may, at their option, enter the premises where the machinery, apparatus or material is located and remove same without being liable in any way, either in tort or contract, and may retain any and all payments theretofore made by the Purchaser, as liquidated damages for use and deterioration of such machinery, apparatus and material, and for loss sustained through breach of contract by the Purchaser.

PROPOSAL BINDING:

This proposal becomes binding only when accepted by the Purchaser and approved in writing by the Seller, and shall constitute the entire contract and agreement between the parties.

All previous communications between the parties hereto, either written or verbal, are hereby replaced by this contract, and no modification of this contract shall be binding upon the parties, or either of them, unless such modification shall be agreed upon by both parties and approved in writing by the Sellers.

The Sellers may, at their option, consider this proposal withdrawn if not accepted by the Purchaser within fifteen days from date.

THE PERSON SIGNING THE ACCEPTANCE OF THIS PROPOSAL FOR THE PURCHASER HEREBY REPRESENTS THAT HE IS LEGALLY AUTHORIZED TO ENTER INTO THIS CONTRACT FOR THE PURCHASER.

AFFECTING PAYMENTS:

Should the Sellers be ready to make delivery at the time herein named, and the Purchaser postpone the time of delivery, the Sellers shall be entitled to payment the same as if delivery were made.

Should the machinery, apparatus and material covered herein be shipped in installments instead of as a whole, the Purchaser agrees to make pro rata payment for each installment upon the terms and conditions herein set forth.

It is agreed that, should any payment under this contract be deferred, the Purchaser shall pay the Sellers interest on such deferred payment at the rate of ten per cent. (10%) per annum from the time said payment is due until it has been fully paid.

It is agreed that all payments shall be made in lawful currency of the United States of America (New York or Denver exchange); otherwise, exchange or collection charges shall be paid by the Purchaser.

TIME OF DELIVERY: Thirty (30) days after receipt of order.

PRICE:

The price of the apparatus and material herein specified is Seventeen Hundred
Twenty Three Dollars & twenty eight cents, (\$1723.28.)

which the Purchaser agrees to pay in gold as follows: In full after apparatus has been
in satisfactory service thirty (30) days.

THE HAMPSON & FIELDING, Engineering Co.

By

M. Hampson Pres't

To HAMPSON & FIELDING: **ENGINEERING CO.**

Your proposal as above is hereby accepted this date.....

.....

By.....

Approved:

HAMPSON & FIELDING, Engineering Co.

This date.....

By.....

PROPOSAL

FROM

HAMPSON & FIELDING

FOR

P R O P O S A L
FROM
HAMPSON & FIELDING

PROPOSAL - CONTRACT

HAMPSON *and* FIELDING

Machinery-Engineering

We guarantee this blower to deliver (2000) cubic feet of atmospheric air per minute at (225) R.P.M. and (20) ounces pressure per square inch and that motor will not use to exceed (75) amperes

DENVER, COLO., July 7, 19.08.

MOTOR:

TO Mint of the United States,
..... Denver, Colorado.....

Engineering Co.

THE HAMPSON & FIELDING (hereafter called the Sellers) propose to furnish you f. o. b.

cars ... Ground Floor Denver Mint, machinery, apparatus and

material as specified below upon the terms and conditions and at the price hereafter named.

CHECK VALVE SPECIFICATIONS

1- Swing check valve (14") *for* fitted to discharge of the blower.

CONNERSVILLE BLOWER

BLOWER:

- 1- Connersville Standard Blower, horizontal type as described in catalogue #10 herewith, page 13, to have a displacement of (13) cubic feet per revolution and capable of being operated continuously at a speed of (250) R.P.M. against a pressure of (32) ounces. Bedplate, cast iron gears and rawhide pinion, outer bearing for driving shaft to be furnished. Bedplate to be arranged for Motor.

An automatic pressure regulating device will be provided which will be provided which will maintain a constant pressure of (20) ounces per square inch and control the speed of the blower to suit the number of furnaces in operation from one to ten the amount of air to be regulated proportionately to the number of furnaces in use. Variation of pressure not to exceed (1) ounces with from four to ten furnaces in operation. If there are ten furnaces in service the maximum load will be given; for each furnace shut off the air supply to decrease one tenth.

TERMS SPECIFICATIONS IONS

2

GUARANTEE:

The Sellers guarantee the machinery and apparatus specified herein to be of full working capacity as rated, and agree to correct any defects in the same which develop within thirty days from the starting thereof, provided that the Purchaser gives the Sellers immediate written notice of such defects.

We guarantee this blower to deliver (2600) cubic feet of atmospheric air per minute at (225) R.P.M. and (20) ounces pressure per square inch and that motor will not use to exceed (75) amperes at (230) volts.

The Sellers will make no allowance, nor be responsible for repairs, expenditures or alterations made without their written consent, nor shall they be held responsible or liable for any loss, damage, detention or delay by any cause beyond their control. It is agreed that in

- 1- Westinghouse type S. #7, Shunt Wound, semi-enclosed motor, (20) H.P. 230 volts, D.C. 600 R.P.M. with armature control, suitable to drive blower without undue heating and of ample power.

CANCEL STARTING APPARATUS:

- 1- Cutler-Hammer type regulator, bulletin #24 with double pole, double arm overload and no-voltage release, mounted on slate panel with air cylinder and piston control device, so arranged as to reduce the speed when the pressure goes above (20) ounces and increase the speed when pressure is below (20) ounces. (This particular breaker was got up for Government service,) see cut)

DELIVERY CHECK VALVE:

- 1- Swing check valve (14") to be fitted to discharge of the blower.
- When such material is delivered to any Common Carrier, in good condition, properly addressed to the Consignee, such delivery shall constitute delivery to the Purchaser, and from that time shall be at Purchaser's risk, and in the event of loss or damage the Purchaser shall look to said Common Carrier only for compensation.

The receipt, or acceptance, by the Purchaser of any material herein specified shall constitute an entire waiver of any claim for damage caused by delayed delivery.

The bill of lading, or suitable receipt from any Common Carrier, shall constitute proof of delivery.

INSTALLATION:

When the material herein specified is delivered, the Sellers shall be considered to have completed their agreement with the Purchaser, and no expense of installation shall be borne by the Sellers unless by special agreement.

TERMS AND CONDITIONS

GUARANTEE:

The Sellers guarantee the machinery and apparatus specified herein to be of full working capacity as rated, and agree to correct any defects in the same which develop within thirty days from the starting thereof, provided that the Purchaser gives the Sellers immediate written notice of such defects, and provided that during said period the apparatus shall not be taxed beyond its normal capacity, shall be regularly cleaned and cared for, and shall be operated in a normal and proper manner.

The Sellers will make no allowance, nor be responsible for repairs, expenditures or alterations made by others without their written consent, nor shall they be held responsible or liable for any loss, damage, detention or delay by any cause, beyond their control. It is agreed that in case of defect the Sellers' liability is limited to replacing the defective material, f. o. b. Denver, and that no claim for labor or consequential damage shall be allowed.

PROPOSAL BINDING:

CANCELLATION:

Should the Purchaser desire to cancel order, for any portion of the machinery, apparatus or material to be furnished under this contract, such cancellation shall be made only with the consent of a member of the firm. Should such cancellation be accepted, the Purchaser shall pay the Sellers twenty per cent. (20%) of the selling price of such material or apparatus as may be cancelled. The Purchaser also agrees to pay in full all shipment expenses which may be incurred in returning such apparatus or material to point of manufacture.

DELIVERY:

All material shall be carefully prepared for domestic shipment, unless otherwise herein specified, and when such material is delivered to any Common Carrier, in good condition, properly addressed to the Consignee, such delivery shall constitute delivery to the Purchaser, and from that time shall be at Purchaser's risk, and in the event of loss or damage the Purchaser shall look to said Common Carrier only for compensation.

The receipt, or acceptance, by the Purchaser of any material herein specified shall constitute an entire waiver of any claim for damage caused by delayed delivery.

The Bill of Lading, or suitable receipt from any Common Carrier, shall constitute proof of delivery.

INSTALLATION:

When the Sellers have so delivered all of the material herein specified, they shall have completed their agreement with the Purchaser, and no expense of installation shall be borne by the Sellers unless by special agreement.

OWNERSHIP AND TITLE:

It is mutually agreed that the title to the machinery, apparatus and material covered by this contract shall not pass from the Sellers until the contract price for the same has been fully paid.

Notes accepted by the Sellers shall not constitute payment.

The Purchaser hereby agrees to do all acts necessary for such retention of title and ownership in the Sellers, and to insure the Sellers against loss or damage, however caused, to machinery, apparatus or material delivered, until the same has been fully paid for as herein provided.

Upon default in any payment herein provided, the Sellers may, at their option, enter the premises where the machinery, apparatus or material is located and remove same without being liable in any way, either in tort or contract, and may retain any and all payments theretofore made by the Purchaser, as liquidated damages for use and deterioration of such machinery, apparatus and material, and for loss sustained through breach of contract by the Purchaser.

PROPOSAL BINDING:

This proposal becomes binding only when accepted by the Purchaser and approved in writing by the Seller, and shall constitute the entire contract and agreement between the parties.

All previous communications between the parties hereto, either written or verbal, are hereby replaced by this contract, and no modification of this contract shall be binding upon the parties, or either of them, unless such modification shall be agreed upon by both parties and approved in writing by the Sellers.

The Sellers may, at their option, consider this proposal withdrawn if not accepted by the Purchaser within fifteen days from date.

THE PERSON SIGNING THE ACCEPTANCE OF THIS PROPOSAL FOR THE PURCHASER HEREBY REPRESENTS THAT HE IS LEGALLY AUTHORIZED TO ENTER INTO THIS CONTRACT FOR THE PURCHASER.

AFFECTING PAYMENTS:

Should the Sellers be ready to make delivery at the time herein named, and the Purchaser postpone the time of delivery, the Sellers shall be entitled to payment the same as if delivery were made.

Should the machinery, apparatus and material covered herein be shipped in installments instead of as a whole, the Purchaser agrees to make pro rata payment for each installment upon the terms and conditions herein set forth.

It is agreed that, should any payment under this contract be deferred, the Purchaser shall pay the Sellers interest on such deferred payment at the rate of ten per cent. (10%) per annum from the time said payment is due until it has been fully paid.

It is agreed that all payments shall be made in lawful currency of the United States of America (New York or Denver exchange); otherwise, exchange or collection charges shall be paid by the Purchaser.

TIME OF DELIVERY: Thirty (30) days after receipt of order.

PRICE:

The price of the apparatus and material herein specified is Seventeen Hundred
Twenty Three Dollars & twenty eight cents, (\$1723.28.)

which the Purchaser agrees to pay in gold as follows: In full after apparatus has been
in satisfactory service thirty (30) days.

The HAMPSON & FIELDING, Engineering Co.

By

M. Hampson Pres't.

To HAMPSON & FIELDING: ENGINEERING CO.

Your proposal as above is hereby accepted this date.....

By.....

Approved:

THE HAMPSON & FIELDING, Engineering Co.

This date.....

By.....

PROPOSAL

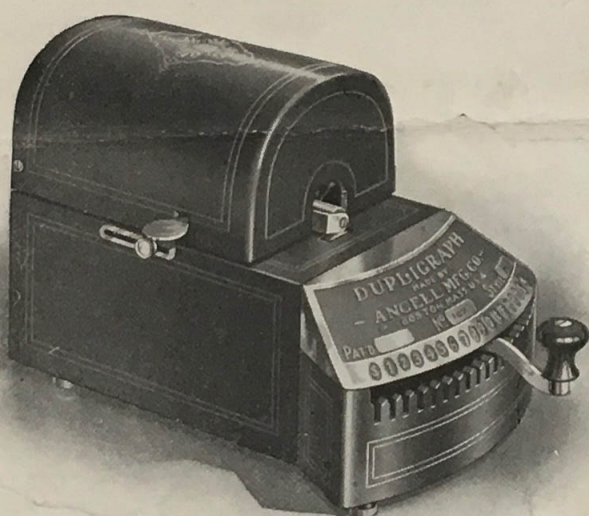
FROM

HAMPSON & FIELDING

FOR

*Planning History
etc.*

The
DUPLIGRAPH
Double Printing
PROTECTOR

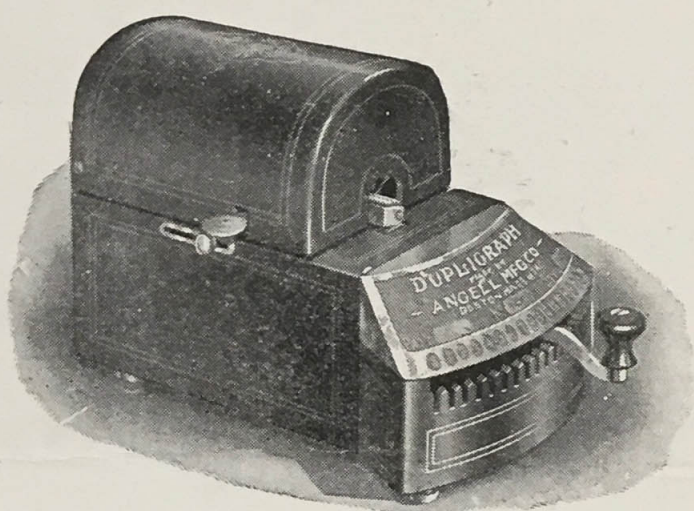


PRICE \$50.00

Owned and Manufactured by
ANGELL MANUFACTURING CO.
BOSTON, MASS., U. S. A.

AGENTS.

Protect your Checks, Drafts, Stocks, Bonds, Etc., on both sides at once with the exact amount by our DUPLIGRAPH double printing protector, which is worked by one lever and is just as quick to operate as the NOT-OVER machine which prints on one side only and can give the exact amount in a very small percentage, say forty (40) amounts in one thousand (1000) or 40 in 100,000 and in most cases leaving hundreds and thousands of dollars between the amounts written and those printed or stamped by the NOT-OVER machines.



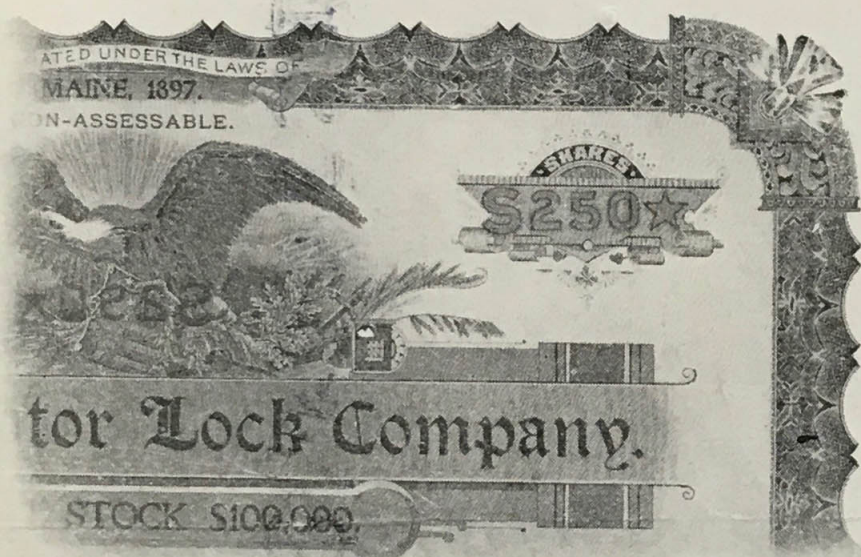
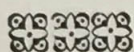
One of the most important features of our DUPLIGRAPH protector is its method of printing on both sides of the paper at the same time, which is covered by United States and Foreign Patents.

There are two type wheels, one above and one below the paper, each carrying indelible ink, made especially for this machine, under secret formula, worked out by practical chemists with years of experience.

The DUPLIGRAPH will print any amount in Dollars, Pounds, Francs, Marks or Roubles on Bank Checks and Voucher Checks, will print the quantity on warehouse Receipts and the number of shares on Stock Certificates.

Letters such as K, L, P, Y, etc., can be supplied in place of other letters when ordered

The DUPLIGRAPH protector is endorsed and used by the Boston Stock Exchange.



GUARANTEE.

We guarantee each Dupligrath Machine to be A No. 1 in material and workmanship

With proper care and use should any part prove defective within two years from date of purchase, we will replace the same free of charge.

ANGELL MFG. CO.

By E. E. Angell, President

STYLE A. PRINTS ON BOTH SIDES AND EMBOSSES AND IS OUR STANDARD TYPE. SEE SAMPLE OF WORK.

STYLE B. PRINTS ON BOTH SIDES, EMBOSSES AND CUTS THROUGH THE PAPER. SEE SAMPLE OF WORK.

YOU WANT PROTECTION, SPEED, ACCURACY.

USE THE **DUPLIGRAPH**

THE W. H. KISTLER

W. H. KISTLER, PRES. & TREAS.
THOMAS A. HAYES, V. PRES.
EDWIN A. KISTLER, SECY.

STATIONERS
ENGRAVERS
PRINTERS
BLANK BOOK MAKERS

Stationery Co.

1537-1543 LAWRENCE ST.

Denver, Colo. April 3, 1908.

Treasurer, The U. S. Mint,

C I T Y.

Dear Sir,-

As per your request, we are pleased to quote you on the Dupligraph Check Protector, manufactured by The Angell Manufacturing Company, Boston, Mass. Either the style A or style B., \$50.00 net f.o.b. Denver, Colo. We are enclosing herewith samples of the work done by these two machines, and would say that the Company does not recommend the style B. type, as the type may become filled up with particles of dirt and dust, and be more or less troublesome after using some little time. On the other hand, the style A machine does not mutilate the check in any way, and the machine has practically nothing to get out of order, and will stand up for years. Both machines print on both sides of the check at once, and are the same price. We solicit your order for either machine.

Very respectfully,

The W. H. Kistler Stationery Co.

S-W

Spencer
Revised letter
4/4/08
E

W. H. Keith

Proctor

Check Proctor

\$5000

April 2, 1908.

Very respectfully,
W. H. Keith, Stationer &c.

PROPOSAL FOR SPECIAL SUPPLIES.

Custodian
U S Mint

Denver

Denver
Colorado
of July 13 to , 1908

SIR: The undersigned hereby agrees to furnish the Mint of the United States at Denver with the following articles, as per specifications below, delivered at the Mint in good order, as required, free of all freight and cartage charges pertaining thereto, and the same prepaid:

No. OF ITEM.	SPECIFICATIONS.	UNIT PRICE.		TOTAL.	
		Dollars.	Cts.	Dollars.	Cts.
	we will remove all the old Plastering of the Melting room and the room and Hall adjoining and we will replace the same in a first class manner as directed for the sum of			82000	

(Signature)

(Address)

Smith and McCallum
213 Continental Bldg
Denver

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., , 190 .
The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications, and to waive any defect.

For further information, apply to the office of the of the
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

PROPOSAL FOR SPECIAL SUPPLIES

OF

to furnish

NOTES.

Payments to be made as soon as goods are delivered and bill approved.

The right is reserved to reject any or all proposals, and to accept all or any portion of the quantities offered.

All goods accepted subject to inspection.

When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within _____ days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened _____, 190.....

PROPOSAL FOR SPECIAL SUPPLIES.

Custodian
U S Mint
Denver

Denver
Colorado
July 13th, 190*8*

SIR: The undersigned hereby agrees to furnish the *Plaster* of the United States at *Denver* with the following articles, as per specifications below, delivered at the *Mint* in good order, as required, free of all freight and cartage charges pertaining thereto, and the same prepaid:

No. OF ITEM.	SPECIFICATIONS.	UNIT PRICE.		TOTAL.	
		Dollars.	Cts.	Dollars.	Cts.
	<i>we will remove all the old Plastering of the Melting room and the room and hall adjoining. and we will replace the same in a first class manner as directed for the sum of</i>			<i>2000</i>	<i>00</i>

(Signature) *Smith and Allen*
(Address) *213 Continental Bldg*

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., , 190 .
The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications, and to waive any defect.
For further information, apply to the office of the of the
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

PROPOSAL FOR SPECIAL SUPPLIES

OF

to furnish

NOTES.

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The right is reserved to reject any or all proposals, and to accept all or any portion of the quantities offered.

All goods accepted subject to inspection.
When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened , 190

DENVER, COLO.

JUL 13 1908

190

Custodian

USA Nunt

Leurr Co.

Mont

of the United States at

Lesson

No. OF
ITEM.

SPECIFICATIONS.

UNIT PRICE.

TOTAL.

Dollars.

Cts.

Dollars.

Cts.

Plastering of Melting Room
and room adjoining same

2400 00

The Hinchman - Renton Fire Proofing Co.

(Signature)

BY

(Address)

SECY.

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., 190 .

The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications, and to waive any defect.

For further information, apply to the office of the _____ of the _____
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

PROPOSAL FOR SPECIAL SUPPLIES

OF

to furnish

NOTES.

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All goods accepted subject to inspection. When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened , 190.....

PROPOSAL FOR SPECIAL SUPPLIES.

DENVER, COLO.

JUL 13 1908

, 190

Custodian

USA Mint

Denver Colo.

SIR: The undersigned hereby agrees to furnish the Mint of the United States at Denver with the following articles, as per specifications below, delivered at the _____ in good order, as required, free of all freight and cartage charges pertaining thereto, and the same prepaid:

No. of Item.	Specifications.	Unit Price.		Total.	
		Dollars.	Cts.	Dollars.	Cts.
	Plastering of Melting Room and room adjoining same			2400.00	
	Duplicate				

Duplicate

(Signature)

The Hinchman - Benton Fire Proofing Co.

(Address)

BY

SECY.

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., 190.

The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications, and to waive any defect.

For further information, apply to the office of the of the
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

PROPOSAL FOR SPECIAL SUPPLIES

OF

to furnish

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When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened

, 190

PROPOSAL FOR SPECIAL SUPPLIES.

Denver
July 13, 1908

To the Custodian
United States Mint,
Denver, Colo.

SIR: The undersigned hereby agrees to furnish the U. S. Mint of the United States at Denver with the following articles, as per specifications below, delivered at the U. S. Mint in good order, as required, free of all freight and cartage charges pertaining thereto, and the same prepaid:

No. of ITEM.	SPECIFICATIONS.	UNIT PRICE.		TOTAL.	
		Dollars.	Cts.	Dollars.	Cts.
	Proposal for removing plastering in melting room and adjoining room and small hallway and replastering same with Hardwall Plaster and Hardwall finish to the entire satisfaction of the official in charge of said work. I will do this work for the sum of Twenty Two Hundred and Fifty Dollars.				\$2250.00

(Signature)

Anthony Arbon

(Address)

213 Continental Bld

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., 1908.
The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications, and to waive any defect.

For further information, apply to the office of the _____ of the _____
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

PROPOSAL FOR SPECIAL SUPPLIES

OF

to furnish

NOTES.

Payments to be made as soon as goods are delivered and bill approved.

The right is reserved to reject any or all proposals, and to accept all or any portion of the quantities offered.

All goods accepted subject to inspection. When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened , 190.....

PROPOSAL FOR SPECIAL SUPPLIES.

To the Custodian
United States Mint
Denver, Colo

Denver
July 13, 1908

SIR: The undersigned hereby agrees to furnish the Mint of the United States at Denver with the following articles, as per specifications below, delivered at the U. S. Mint in good order, as required, free of all freight and cartage charges pertaining thereto, and the same prepaid:

No. of ITEM.	SPECIFICATIONS.	UNIT PRICE.		TOTAL.	
		Dollars.	Cts.	Dollars.	Cts.
	Proposal for removing plastering in melting room and adjoining rooms and small hallway and replastering same with Hardwall plaster and Hardwall finish to the entire satisfaction of the official in charge of said work. I will do this work for the sum of Twenty Two Hundred and Fifty Dollars				\$2250.00

(Signature) Anthony Arben
(Address) 213 Continental

INSTRUCTIONS TO BIDDERS.

All proposals must be submitted in duplicate, which will be opened at 12 m., _____, 190 .
The right is reserved to reject any or all bids, or any part thereof, to strike out any items in the specifications,
and to waive any defect.
For further information, apply to the _____ of the _____
Proposals to be inclosed in sealed envelope marked "PROPOSALS FOR SPECIAL SUPPLIES."

Henry Hartley

PROPOSAL FOR SPECIAL SUPPLIES

OF

July 1st

to furnish

NOTES.

Payments to be made as soon as goods are delivered and bill approved.

The right is reserved to reject any or all proposals, and to accept all or any portion of the quantities offered.

All goods accepted subject to inspection.
When requested by bidders, unexpended samples will be returned.

A list of accepted proposals will be made out within days after the date of opening.

No distinct notice of rejected proposal will be given.

Opened , 190.....

Authority to purchase adding machine.



TREASURY DEPARTMENT

WASHINGTON September 29, 1908.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

Your letter of the 25th instant enclosing proposal of the Burroughs Adding Machine Company to furnish a No. 11 Electric Machine for the sum of \$431.82 is received. For the reasons stated in your letter you are authorized to accept the proposal of the Burroughs Adding Machine Company to furnish the machine described at the price above named.) Payment for the same, however, will have to be made from your appropriation for Contingent Expenses, and not from the appropriation for new machinery. The proposal of the Burroughs Adding Machine Company enclosed in your letter is returned herewith.

Respectfully,

A handwritten signature in cursive script, reading "Frank A. Beach".

Director of the Mint.

Enclosure.

271009

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT.

Sept 29th, 1908

Director of the Mint.

SUBJECT:

Authenticity of
No. 4. Machine
Thompson
adding machine
\$421.82

NO. OF INCLOSURES,.....

S. F. Bowser & Company.

(INCORPORATED)

Ft. Wayne, Indiana.

Denver, Colo., 8, 6, 08. 190

F. M. Downer, Esq.,

Superintendent,

Mint of U.S. Denver, Colo.

Dear Sir:-

Enclosed herewith please find " Proposal for Special Supplies"
for the following :-

Two (2) Roll Top Storage Tanks.Cut # 52 Type " B " All Metal Single Roll Top Cabinet.

Number of Barrels	Capacity in Gallons	With Type "B" Tank- No. 14 Gauge Black Enamel Quart Pumps.	
		Ship. Wgt. Lbs.	Price.
2	120	365	\$100.00
3	170	440	120.00
		Cartage	<u>1.50</u>
		Total	\$221.50

The above to be delivered at the rear entrance at the Mint,
with all charge prepaid , at the price named herein and with full
privilege of examination. Following is the Company's Guarantee on all
their Goods.

To Purchaser.

" We guarantee all goods of our manufacture to be as represented in
our catalogs, and if in transportation they get damaged so they do not

S. F. Bowser & Company.

(INCORPORATED)

Ft. Wayne, Indiana.

F.M.D. #2

Denver, Colo., 8/6/08 190

work correctly, we will, if the facts are reported to us, make them right without charge, and free of transportation to purchaser. Furthermore, we agree to correct any defects due to imperfect material or workmanship in which may develop within three years from date of invoice, making no charge for same."

Thanking you in advance, for your valued order, which will upon receipt of same, receive prompt attention, I beg to remain,

Yours Respectfully,

G. L. Heusner Agt.,

S. F. Bowser & Co. Inc.,

GLH-HEB

Bowser & Company


(INCORPORATED)
St. Louis, Missouri

Bowser, Cal., 8/6/08

any defect in the goods or reported to us, we will, if the facts are reported to us, make them right
we are to correct any defects due to imperfect material or workmanship in
which have developed within three years from date of invoice, making no
charge for same.

Thanking you in advance, for your valued order, which will
upon receipt of same, receive prompt attention, I beg to remain,

Yours Respectfully,


S. F. Bowser & Co. Inc.,
Asst.

CIE-NEB

Alfred H. H. H.
S. F. Bowser
Bill Clark

SPECIFICATIONS FOR FURNISHING AND INSTALLING

THE FURNACE EQUIPMENT OF THE U.S. MINT BUILDING, DENVER, COLO.

+++++

The complete equipment, as shown on drawings and as hereinafter described, is to be furnished and installed complete and started in operation by the contractor.

As shown on the drawing, there will be eight furnaces in the melting room: these furnaces will be of a construction similar to the number ten furnace as installed at the U.S. Mint, Phila., Pa., and will be so designed that a #70 black lead crucible can be successfully used in same. In this melting room, as also in any room where there will be any stack work to build, the Government has built or will build all stack work. The furnaces will be installed by the contractor complete, with the exception of the above mentioned brick stack work. Referring to this type of furnace, known hereafter as a number 10, there will be one installed of this size in the deposit melting room and three of this size in the Refinery. There is therefore twelve (12) number ten furnaces to be furnished and installed complete and started in successful operation by the successful contractor.

Of the furnaces known as rotary planchet annealers, the Government now has one furnace of this type and of a suitable size at the Denver building; this furnace will be reconstructed, if the same can be done in a satisfactory manner, or new parts added so this furnace will be adapted for fuel oil burning. If in the opinion of the contractor it would be more advisable to build a new furnace rather than to repair the old furnace, the option is allowed the contractor to use his best judgement as regards guaranteed work; in total there must be two furnaces placed in successful operation by the contractor in the Whitening room. The design of this furnace equipment in the whitening room to be of approved construction, and of ample capacity to do the required work.

The Government now has one strip annealing furnace at the Denver building, similar to those used at the Phila. Mint. In the strip annealing room at the Denver institution, there is to be

three complete furnaces of the desired type and size installed. The same instructions apply to the old strip annealing furnace as was stated in regard to the old rotary furnace. It will be understood and agreed that three satisfactory furnaces will be installed and started in successful operation by the contractor. The furnaces of this type are to be built of a design satisfactory to the Director of the Mint and are to be fitted with all connections for the use of city gas, fuel oil, air and steam, complete.

In the deposit melting room, besides the number 10 melter, as listed above there will be installed and started in operation, the following furnaces:- One to hold a number 30 crucible, one to hold a number 20 crucible and one to hold a number 15 crucible; these furnaces to be of a design similar to those now in the Mint Service for like work, in all cases drawings as submitted will govern the construction of all work and must be approved before any work is started on same in the shops. In this deposit melting room the furnaces now in use are not to be discontinued as a whole, but so installed and fitted with piping that the work of the Mint shall not be interfered with. In this room all stack work has been built in place.

In the room marked blacksmith shop, there will be installed a furnace to be used for the burning of refuse matters, sweeps, etc. This furnace will be connected to the main melting stack flues and and be fitted with suitable hood work and so arranged that smoke will not enter room in which it is operated. Satisfactory drawings are to be submitted for this furnace.

In the Refinery, there will be installed, besides the number 10 furnaces, listed above, three(3) gold boiling furnaces, fitted with suitable pots, etc. and of a design similar to those now in use in the Mint Service. Size and design are to be approved.

In the machine shop there will be installed one block hardening furnace, of a size and design suitable for the machine shop work; drawings to be approved before construction. In the tool room of machine shop, there will be installed two small tool furnaces

for annealing and tempering; to be of an approved size and design.

There will be furnish and installed, one double pumping system located as shown on the drawings, in the compressor room. The two oil storage tanks now in place, are to be connected with pumping system; all drilling and tapping of tank manhole heads are to be done by the contractor, as also connecting the service feed pipe that leads from trap on sidewalk with tanks. The feed pipe as now installed terminates at the wall line of the tank room; all underground piping being laid. In running piping through walls, the finish of the rooms must be replaced in as good a manner as before cutting the walls or floors. All rubbish that has any connection with this contract must be cleaned up and removed from the building by the contractor.

All necessary blowers and motors, together with all necessary electrical controlling and starting devices, must be furnished and installed. The amount of air to be supplied to ^{be} of such volume that the equipment can be successfully operated thereon. Make, size and design of this apparatus to be approved before starting work on same. Steam connections are to be made at the point designated by the representative of the Government, preferably in the economizer room.

All piping to be of approved size and weights, with extra heavy fittings; all valves to be of all brass, of approved make and design. The piping for oil to be guaranteed to be drip tight. The joints to be made up of litharge and glycerine ^{and oil} and gas and red lead for steam.

In the strip annealing room all necessary metal hood work is to be furnished and installed by the contractor. This hood work must be insulated in a proper manner to keep ^{the heat} as much as possible out of the room: hoods to be connected with main boiler room stack.

It must be understood and agreed that the entire equipment is to be complete in all respects and that the contractor will instruct the employees of the Government in regard to the working of the same. In all cases drawings must be submitted for all work before starting same under construction or commencing work.

for annealing and tempering; to be of an approved size and design. There will be furnished and installed, one double pumping system located as shown on the drawings, in the compressor room. The two oil storage tanks now in place, are to be connected with pumping system; all drilling and tapping of tank manhole heads are to be done by the contractor, as also connecting the service feed pipe that leads from trap on sidewalk with tanks. The feed pipe as now installed terminates at the wall line of the tank room; all underground piping being laid. In running piping through walls, the ends of the room must be replaced in as good a manner as before cutting the walls or floors. All rubbish that has any connection with this contract must be cleaned up and removed from the building by the contractor.

All necessary blowers and motors, together with all necessary electrical controlling and starting devices, must be furnished and installed. The amount of air to be supplied to of such volume that the equipment can be successfully operated thereon. Make, size and design of this equipment to be approved before starting work on same. Steam connections are to be made at the point designated by the representative of the Government, preferably in the compressor room. All piping to be of approved size and weights, with extra heavy fittings; all valves to be of all brass, of approved make and design. The piping for oil to be guaranteed to be drip tight. The joints to be made up of litharge and glycerine and gas and red lead and oil for steam.

In the strip annealing room all necessary metal hood work is to be furnished and installed by the contractor. This hood work must be insulated in a proper manner to keep as much as possible out of the room: hoods to be connected with main boiler room, near It must be understood and agreed that the entire equipment is to be complete in all respects and that the contractor will insure that the employees of the Government in regard to the working of the same. In all cases drawings must be submitted for all work before starting same under observation or commencing work.

THE MINE AND SMELTER SUPPLY CO.,

MACHINERY AND MINING SUPPLIES.

BRANCH HOUSES:
EL PASO, TEX.
SALT LAKE CITY, UTAH.
NEW YORK CITY.

17TH AND BLAKE STS.

CODES USED:
BEDFORD McNEILL,
A. B. C.
WESTERN UNION TELEGRAPHIC CODE.

P. O. BOX 1721.

Denver, Colo., Dec. 3rd, 1906.

ADDRESS ALL BUSINESS COMMUNICATIONS TO THE COMPANY.

Mint of the United States,
Frank M. Downer, Supt.,
C I T Y.

Dictated by R. S. R.
SUBJECT:- Your order Deane Bros. Pump

Dear Sir:-

We have your valued favor of the 1st inst. confirming your telephone advice ordering 1 - 7 x 4 x 10 Deane Bros. Duplex Outside Packed Plunger Pot Valve Pattern Boiler Feed Pump complete with sight feed lubricator, cylinder drain valves, wrenches and pump governor, for the sum of \$450.00 f.o.b. Mint.

We note that you state in your order "Deane Brass Duplex Pump." We suppose you mean by this "Deane Bros.", but we wish to call your attention to the fact that this pump is to be a Regular Fitted Pump and not Brass Fitted.

We have instructed the factory to ship this pump at the earliest possible date and trust it will reach you in ample time for your requirements.

Thanking you for this order and awaiting your further favors, we remain,

Yours very truly,

THE MINE & SMELTER SUPPLY COMPANY.

Per 

Dec. 3rd, 1906.

Mint of the United States,

Frank M. Downer, Supt.,

C I T Y.

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We have instructed the factory to ship this pump at the earliest possible date and trust it will reach you in ample time for your requirements.

Thanking you for this order and awaiting your further favors, we remain,

Yours very truly,

THE MINE & SMELTER SUPPLY COMPANY.

Per 

Please return this with your reply.

Contract, - rolling mill.



TREASURY DEPARTMENT

WASHINGTON April 17, 1908.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I enclose herewith for your information and file
quadruplicate of contract with the Waterbury Farrel Foundry
and Machine Company, covering the delivery of rolling mill
at your Mint.

Respectfully,

A handwritten signature in cursive script, reading "Frank A. Cook".

Director of the Mint.

Enclosure.

Waverly
Apr 17/05

How of. Copy of Contract
with Waverly Hotel
L. J. Waverly Co. for
five rolling Mills
and
Waverly Hotel

TELEPHONE, 2295 CORTLANDT.

CABLE ADDRESS
"WARMOSS"

TIME LOCKS,
BOLT ACTUATING DEVICES,
COMBINATION LOCKS,
FINE KEY LOCKS.

J. M. MOSSMAN Co.,
J. M. MOSSMAN, PRESIDENT.

TIME LOCK DEPARTMENT,
23 WARREN STREET,

New York, Nov. 11, 1908.

United States Mint,
Denver, Colo.

Dear Sirs:-

We enclose herewith our regular advance notice giving you the approximate date when our time lock expert, Mr. Geo. W. Moore, will call on you for the purpose of cleaning your time locks. We also give you in the lower left hand corner of the advance notice a fac-simile of Mr. Moore's signature for the purpose of identification.

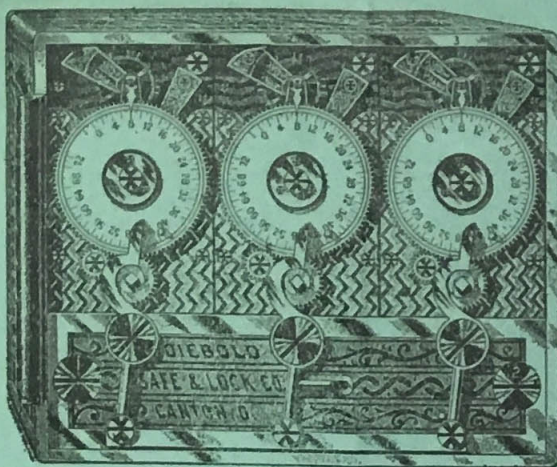
We have arranged with the Department at Washington to clean the time locks in use by you at this time at 1/2 our usual rate in order to bring them in line for regular attention hereafter.

Yours very truly,

J. M. MOSSMAN CO.,

W. G. Carrington
ASST. MGR.

C.



OFFICE OF

J. M. Mossman Co.,

Exclusive Agents for the cleaning of the

DIEBOLD TIME LOCKS

IN THE UNITED STATES.

23 WARREN ST.

NEW YORK,

NOV 7 1908

Mr.

Cashier

*United States Mint
Denver Colo.*

DEAR SIR:

Permit us to call your attention to the fact that to prevent the lapsing of the guaranty of your DIEBOLD TIME LOCK, it is necessary that it shall be examined, cleaned (and repaired if necessary) once each year by an expert to be designated or approved by us.

GEO. W. MOORE.

We beg to state that our expert, Mr.

Will be in your vicinity on or about the *25th of Nov* and will call upon you prepared to inspect and clean your device. If you decide not to employ our expert, but to assume the responsibility yourselves, we will thank you to notify us by return mail, thus avoiding the expense of his calling upon you.

For the thorough examination and cleaning of the DIEBOLD TIME LOCK we make a fixed charge of \$10.00. The examination, if properly made now, will continue the guaranty in effect for another year, and it is to your interest, even more than ours, to have your Timer properly inspected at regular intervals, inasmuch as your neglecting to do this releases us from our guaranty.

In addition to this we beg you will at all times promptly inform us of any irregularity in the working of your Time Lock, or any difficulty which you may experience in its use.

Before admitting our expert, that you may know he is the man we send, please compare his signature, as he shall write it for you, with that in the corner below.

After inspecting and cleaning your Timer he will furnish a printed receipt for his charges, as evidence of the fact that the Timer has been examined and adjusted in such a manner as to continue our guaranty in effect for another year.

Yours very respectfully,

FAC-SIMILE OF EXPERT'S SIGNATURE:

Geo W. Moore

J. M. Mossman

President.

For DIEBOLD SAFE AND LOCK CO.

DENVER, MINT.



DeW

TREASURY DEPARTMENT

WASHINGTON October 20, 1908.

Inclosure 9468

IN REPLYING QUOTE UPPER INITIAL
RIGHT HAND CORNER.

The Custodian,

U. S. Mint, (New),

Denver, Colorado.

Sir:

Referring to Office letter of July 23rd last, notifying you of the acceptance of the bid of the J. M. Mossman Co., for cleaning the time locks in the building in your custody, a copy of Department letter of even date to the Company named is inclosed herewith, accepting their proposal to make the amount \$5.00 instead of \$10.00, so as to permit of the cleaning of the locks in November next, instead of the coming June, and to provide for the guarantee until November, 1909.

Upon satisfactory completion of the work, under the above modification, forward voucher in the usual manner for payment from the appropriation "Vaults, Safes, and Locks for Public Buildings, 1909."

Respectfully,

W. B. Bayler
Supervising Architect.

Denver 2/18-1908.

Hon F. M. Townner
Supt U. S. Mint Denver.

Dear Sir.

I beg leave to submit for your consideration the following as my bids on the Copper, Brass, Lead Iron that you have set aside for sale to the highest bidder

Copper per pound heavy	10 $\frac{1}{2}$	¢
Heavy brass red	9	¢
Copper per pound light	8	¢
Brass per pound heavy Yellow	6	¢
Brass per pound turnings Red	7	¢
Brass per pound turnings Yellow	5	¢
Pig Lead per pound Chemically pure	3 $\frac{10}{100}$	¢
Scrap Iron per ton	\$ 5 $\frac{10}{100}$	¢

Respectfully Submitted

A. Goodman

Accepted
above acceptance void

310.45
25.32
335.77
49.12
384.87

KNOWLES

Boiler Feed and Tank Pumps

Single and Duplex

April, 1904

Knowles Steam Pump Works

114 to 118 Liberty Street

New York

THE MINE & SMELTER SUPPLY CO.

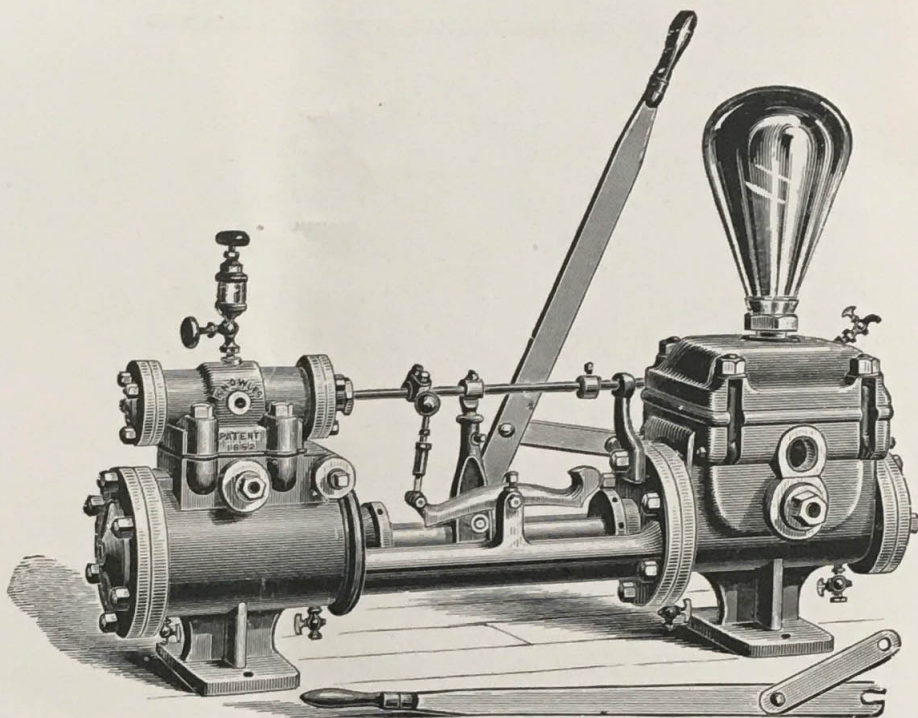
DENVER, COLO.

SELLING AGENTS.

54 Oliver Street, Boston

408-410 New York Life Building, Chicago

724 Arch Street, Philadelphia



KNOWLES PATENT BOILER FEED OR PRESSURE PUMP.

Size No. $4\frac{1}{2}$ (7 x 4 x 7).

KNOWLES PATENT

Boiler Feed or Pressure Pumps.

Arranged for Hot or Cold Water or other Liquids.

Many devices have been introduced in the market for feeding boilers, but nothing has yet proved so reliable and economical as a good steam pump. The Knowles Pump has withstood the test of many years' service, and stands to-day preeminent for its record of efficiency and durability. In its present perfected form it is the most desirable boiler feeder to be found. Its improved valve motion and steam valves secure the smoothest work under the most exacting conditions. The pump can be regulated to run at *any* speed desired—an important feature in the feeding of boilers.

In the manufacture of the Knowles Steam Pumps the best composition metal (Government standard) is used for the piston rods, stuffing boxes, valve seats, and water cylinder linings. The water pistons are also made of composition, and are packed with a special form of adjustable packing, adapted for either hot or cold liquids. All parts are made to gauge, and are therefore interchangeable.

These pumps have large direct water passages and full valve area, which admit of a speed that makes them very efficient *fire* pumps.

SIZES AND CAPACITIES.

No.	Steam Cylinder.	Water Cylinder.	Stroke.	Gallons per Stroke.	Capacity per Minute at Maximum Speed.		Steam Pipe.	Ex- haust Pipe.	Suc- tion Pipe.	Deliv- ery Pipe.	Floor Space Required.	Telegraphic Code Word.
	Ins.	Ins.	Ins.		Strokes.	Gals.	Ins.	Ins.	Ins.	Ins.	Ins.	
000	2½	1½	3	.023	150	3½	¼	¾	½	¾	18 x 4	Forel
00	3	1¾	3	.031	150	4¾	¼	¾	¾	½	18 x 5	Forelift
0	3¼	2	4	.05	150	7½	½	¾	1¼	1	31 x 6	Forename
1	3½	2¼	4	.07	150	10½	½	¾	1¼	1	29 x 7	Forensal
2	4	2½	5	.11	150	16½	½	¾	1¼	1	32 x 7	Forepart
3	5	3¼	7	.25	125	31	¾	1	2	1½	44 x 10	Forerank
4	5½	3¾	7	.34	125	42	¾	1	2	1½	44 x 10	Foreread
4½	7	4	7	.39	125	49	1	1¼	2½	2	45 x 10	Forerun
5	7	4½	10	.60	100	60	1	1¼	3	2½	56 x 16	Foresail
6	7½	5	10	.85	100	85	1	1¼	3	2½	56 x 16	Foresay
6½	8	5	12	1.02	100	102	1	1¼	4	4	64 x 16	Foresee
7	10	6	12	1.47	100	147	1¼	1½	4	4	68 x 19	Foreship
8	12	7	12	2.00	100	200	2	2½	5	5	68 x 19	Forest
9	14	8	12	2.61	100	261	2	2½	5	5	68 x 20	Forestay
10	16	10	16	5.44	75	408	2½	3	6	6	81 x 21	Forested
	16	10	18	6.12	70	428	2½	3	8	6	96 x 22	Forestick
	18	10	18	6.12	70	428	2½	3	8	6	96 x 24	Forestry

LARGER SIZES ON HAND OR TO ORDER AT SHORT NOTICE.

When ordering a pump, please answer the following questions:

1st. Whether for hot or cold water? 2d. To what height is water to be lifted by suction? 3d. Length of suction pipe? 4th. Against what pressure or height is water to be forced? 5th. Amount of water needed per hour?

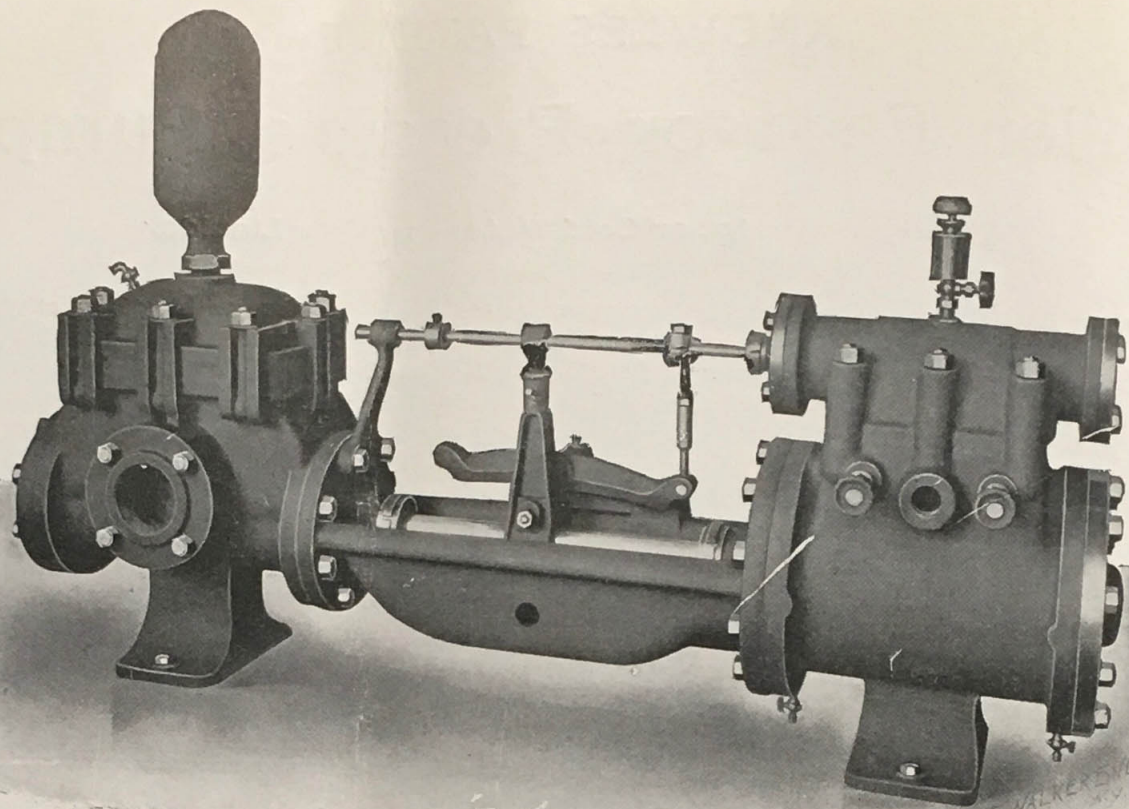
The Nos. 0, 1, 2, 3, 4, and 4½ pumps are provided with hand power attachments.

Our Patent Hand Power Attachment is invaluable, as the pump can be used, when steam is down, for filling boilers after "blowing off," washing decks, fire purposes, etc. The Hand Lever can be easily removed by simply lifting it from the pump.

We do not recommend the use of copper air chambers, as experience has shown they are unreliable, especially for pressures above 100 pounds. We will furnish copper air chambers, however, if required, on sizes No. 3 to No. 10 inclusive, at a slight additional charge.

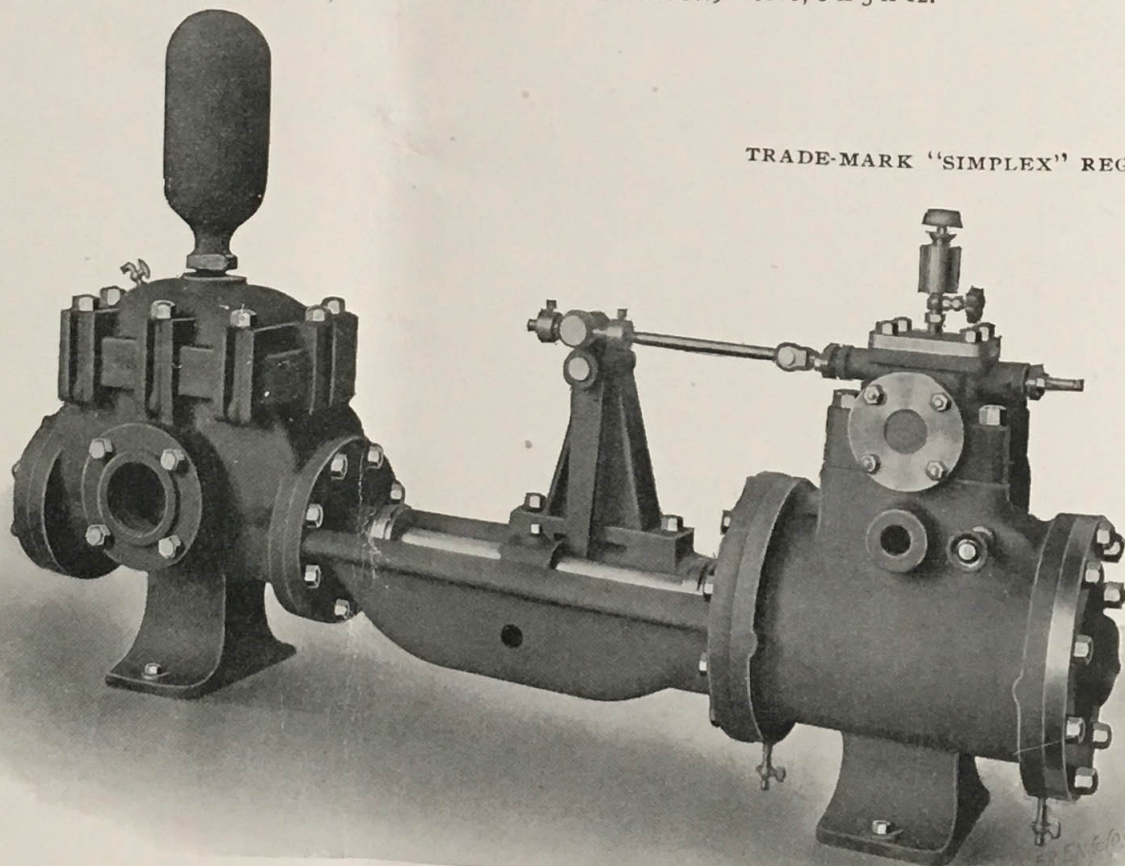
All sizes except No. 000 and No. 00 are good for 250 feet lift, for mine use, or for 125 pounds pressure for boiler feeding. Sizes No. 000 and No. 00 are good for 100 pounds pressure.

We also make No. 000, No. 00 and No. 0 pumps of "Reinforced Pattern" designed for 400 pounds working pressure.



KNOWLES HEAVY PATTERN BOILER FEED PUMP
(With Knowles Valve Motion.) Size, 8 x 5 x 12.

TRADE-MARK "SIMPLEX" REGISTERED.



KNOWLES HEAVY PATTERN BOILER FEED PUMP
(With "Simplex" Valve Motion.) Size, 8 x 5 x 12.

KNOWLES PATENT

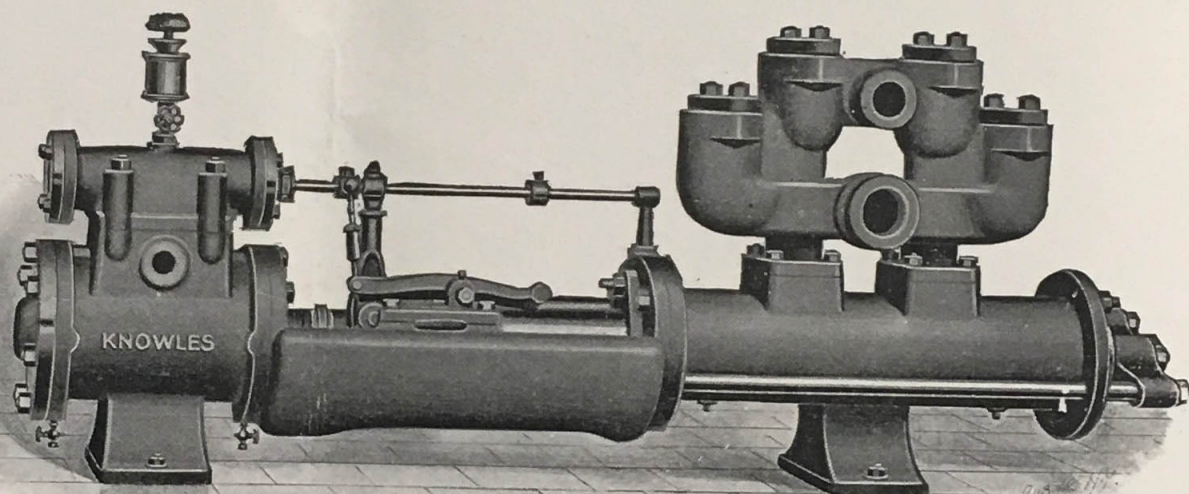
Boiler Feed or Pressure Pumps.

Heavy Pattern, for 250 lbs. Water Pressure.

These pumps are fitted with composition-lined water cylinders, composition water pistons with adjustable fibrous packing, Tobin bronze piston rods, etc.

SIZES AND CAPACITIES.

Steam Cylinder.	Water Cylinder.	Stroke.	Gallons Per Stroke	Capacity per Minute at Maxi- mum Speed.		Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Delivery Pipe.	Floor Space Required.	TELEGRAPHIC CODE WORD.	
											With Knowles Valve Motion.	With "Simplex" Valve Motion.
Ins.	Ins.	Ins.		Strokes.	Gals.	Ins.	Ins.	Ins.	Ins.	Ins.		
7	4½	10	.69	100	69	1	1¼	3	2½	60 x 14	Futterlade	Futurely
7½	5	10	.85	100	85	1	1¼	3	2½	60 x 14	Futtermark	Futuricao
8	5	12	1.02	100	102	1	1¼	4	4	66 x 14	Futtermehl	Futurist
10	6	12	1.47	100	147	1¼	1½	4	4	69 x 15	Futternapf	Futurital
12	7	12	2.00	100	200	2	2½	5	5	72 x 20	Futtertrog	Futurition
14	8	12	2.61	100	261	2	2½	5	5	72 x 20	Futtilibus	Futurity



KNOWLES PLUNGER PUMP — DOUBLE ACTING.
Patent "Pot-Valve" Pattern.

Size, $7\frac{1}{2}$ x $4\frac{1}{2}$ x 10.

KNOWLES PATENT

Plunger Pumps—Double Acting.

For Feeding Boilers, Pumping Water containing Sediment or Grit, etc.

Plunger pumps for boiler feeding, especially under the higher range of pressures, have certain advantages over "piston" pumps. They are very efficient and remarkably durable—the only wearing part in the pump end being the packing of the plunger stuffing boxes. No leak can occur there without being observed, and easily stopped by setting up the packing. The plunger not touching the pump castings, there is no cutting or wear, consequently they require no reboring or refitting, like piston pumps, when working on gritty or sandy water.

As feed pumps, where very high steam pressure is carried (300 lbs. or less), the Knowles Plunger Pumps **have no equal**. They have a splendid record in places where the work is very severe and continuous, such as found in rolling mills, blast furnaces, and sugar refineries. They are also particularly adapted for pumping gritty or muddy water from mines, quarries, wells, pits, and similar places.

These pumps are very strong and compact. The piston rods do not enter the pump cylinders, and are therefore not exposed to the action of the water. The plungers are connected by substantial side rods and crossheads. The water valves are of special form, made of gun metal composition or rubber, according to circumstances. There is a cover over each valve, giving quick and easy access to same.

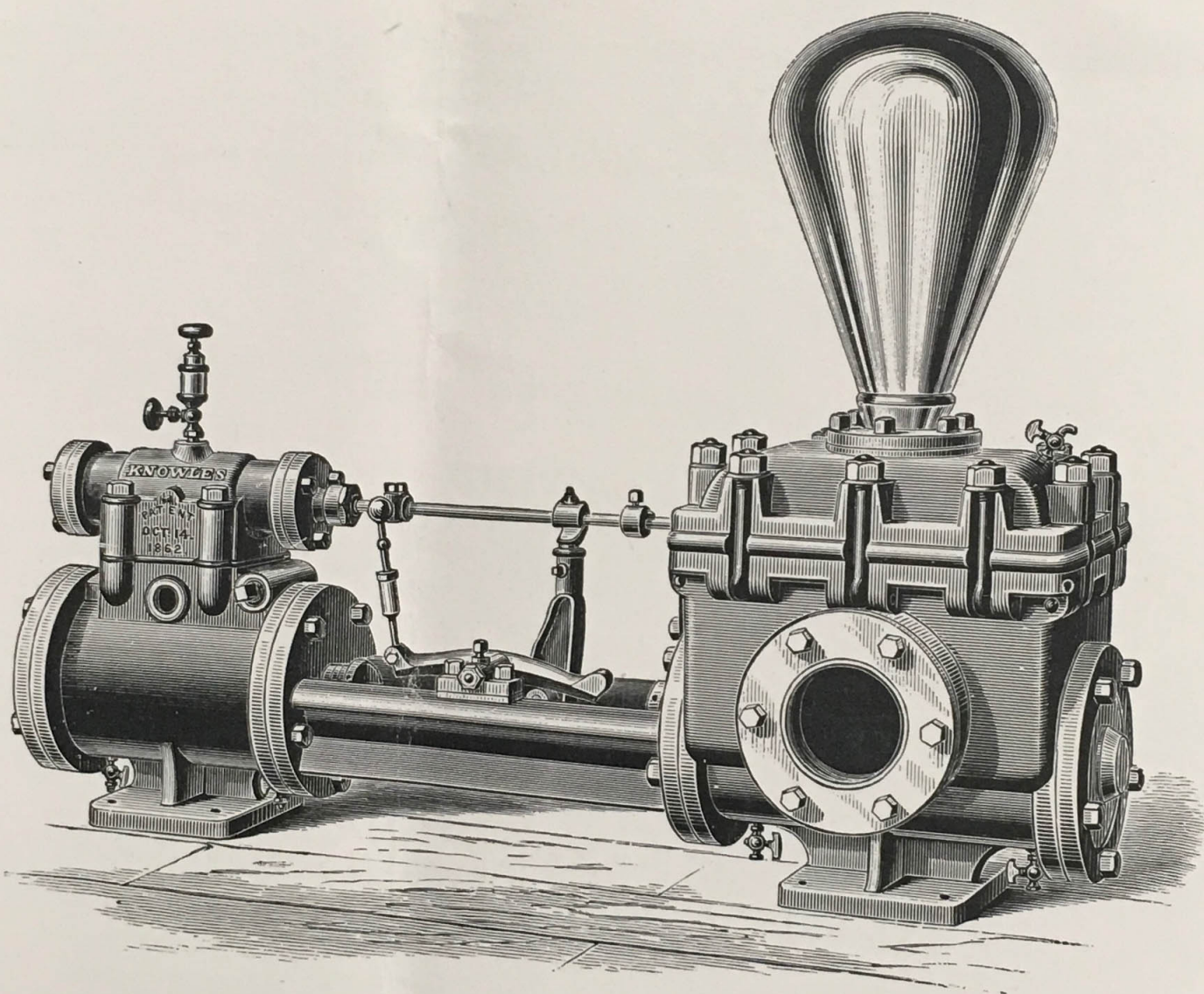
SIZES AND CAPACITIES.

Steam Cylinder	Water Plungers.	Stroke.	Gallons per Stroke.	Capacity per Minute at Maximum Speed.		Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Delivery Pipe.	Floor Space Required.	Telegraphic Code Word.
Ins.	Ins.	Ins.		Strokes.	Gals.	Ins.	Ins.	Ins.	Ins.	Ins.	
4	2½	5	.11	150	16½	½	¾	1¼	1	57 X 10	Forewarn
5½	3¼	7	.25	125	31	¾	1	1½	1½	72 X 12	Forewind
6	3¾	7	.33	125	42	¾	1	2	1½	71 X 12	Forewish
7½	4½	10	.69	100	69	1	1¼	2½	2	92 X 12	Forfex
8	5	10	.85	100	85	1	1¼	3	2½	92 X 12	Forger
8	5	12	1.02	100	102	1	1¼	3	2½	112 X 12	Forgetful
10	6	12	1.47	100	147	1¼	1½	3½	3	112 X 22	Forgetting
12	6	12	1.47	100	147	2	2½	3½	3	114 X 22	Forgive
12	7	12	2.00	100	200	2	2½	5	4	120 X 27	Forgiving
14	7	12	2.00	100	200	2	2½	5	4	120 X 27	Forgotten
14	8	12	2.61	100	261	2	2½	5	4	124 X 27	Forkedly
16	8	12	2.61	100	261	2½	3	5	4	124 X 28	Forkhead
18	10	16	5.44	75	408	3½	4	8	6	164 X 30	Forkless

HEAVY PATTERN, FOR 300 LBS. WATER PRESSURE.

7½	3¾	10	.47	100	47	1	1¼	2	1½	92 X 12	Iberico
8	4	12	.65	100	65	1	1¼	2½	2	112 X 12	Ibexes
8	5	12	1.02	100	102	1	1¼	3	2½	112 X 12	Ibhar
10	5	12	1.02	100	102	1¼	1½	3	2½	112 X 12	Ibiapaba
10	6	12	1.47	100	147	1¼	1½	3½	3	112 X 22	Ibicara
12	6	12	1.47	100	147	2	2½	3½	3	114 X 22	Ibicencas
12	7	12	2.00	100	200	2	2½	5	4	120 X 27	Ibicinos
14	7	12	2.00	100	200	2	2½	5	4	120 X 27	Ibidion
14	8	12	2.61	100	261	2	2½	6	5	124 X 27	Ibilitaet
16	8	18	3.91	67	261	2½	3	6	5	164 X 30	Ibiracoa
16	9	18	4.96	67	334	2½	3	8	6	164 X 30	Ibiride
18	9	18	4.96	67	334	2½	3	8	6	172 X 30	Ibiscorum

All the working parts of these pumps are made to gauge, and are therefore **interchangeable**. Duplicate parts can be quickly substituted when old parts are worn or broken.



KNOWLES PATENT TANK PUMP.

For Light Service.

Size, 8 x 8 x 12.

KNOWLES PATENT Tank or Light Service Pumps.

For pumping water or other liquids to limited heights and distances these pumps possess special advantages; they combine *large pumping capacity* with small expenditure of steam. The steam cylinders, in proportion to the pump cylinders, are made smaller in diameter than with the regular pressure pumps, and consequently the first cost is less—for *amount of water pumped*. These pumps are principally used at railroad water stations, gas and oil works, bleacheries, tanneries, refineries, plantations, distilleries, etc. A variety of valves are used adapted for pumping hot, cold, thick, thin, alkaline, or other liquids.

For Quarries and Clay Pits, also for coffer dams, tunnels, foundation pits, ore beds, sewerage, and irrigating purposes, these pumps are especially adapted, having large water passages and valve openings.

SIZES AND CAPACITIES.

Steam Cylinder	Water Cylinder	Stroke.	Gallons per Stroke	Capacity per Minute at Maximum Speed.		Steam Pipe.	Exhaust Pipe.	Suction Pipe.	De-livery Pipe.	Floor Space Required.	Telegraphic Code Word.
Ins.	Ins.	Ins.		Strokes.	Gals.	Ins.	Ins.	Ins.	Ins.	Ins.	
3¼	3¼	4	.15	125	18	1½	¾	2	1½	32 x 9	Forktail
4	4	5	.27	125	33	1½	¾	2	1½	35 x 9	Forky
5	4	7	.39	125	49	¾	1	2½	2	44 x 9	Forlay
5½	5½	7	.72	125	90	¾	1	3	2½	45 x 10	Forlie
6	5½	7	.72	125	90	¾	1	3	2½	45 x 13	Formal
6	6	12	1.47	100	147	¾	1	4	4	66 x 14	Formally
6	7	12	2.00	100	200	¾	1	5	5	66 x 14	Formate
7½	7	10	1.66	100	166	1	1¼	5	5	56 x 14	Formerly
7½	7½	10	1.91	100	191	1	1¼	5	5	56 x 14	Formful
8	6	12	1.47	100	147	1	1¼	4	4	66 x 14	Formic
8	7	12	2.00	100	200	1	1¼	5	5	66 x 14	Formill
8	8	12	2.61	100	261	1	1¼	5	5	66 x 15	Forpass
8	9	12	3.30	100	330	1	1¼	6	6	67 x 25	Forpine
8	10	12	4.08	100	408	1	1¼	6	6	67 x 25	Forsake
10	9	16	4.40	75	330	1¼	1½	6	6	89 x 25	Forsaking
10	10	12	4.08	100	408	1¼	1½	6	6	69 x 25	Forslack
10	10	16	5.44	75	408	1¼	1½	6	6	89 x 25	Forster
10	12	12	5.87	100	587	1¼	1½	8	6	69 x 25	Forswear
10	12	16	7.83	75	587	1¼	1½	8	6	89 x 28	Forswonk
12	10	12	4.08	100	408	2	2½	6	6	69 x 25	Forswore
12	12	12	5.44	75	408	2	2½	6	6	89 x 25	Forte
12	12	12	5.87	100	587	2	2½	8	6	70 x 25	Forthink
12	12	16	7.83	75	587	2	2½	8	6	89 x 28	Fortin
12	14	16	10.66	75	800	2	2½	10	8	89 x 28	Fortitude
14	12	12	5.87	100	587	2	2½	8	6	70 x 25	Fortlet
14	12	16	7.83	75	587	2½	3	8	6	89 x 28	Fortress
14	14	12	8.00	100	800	2	2½	10	8	78 x 28	Fortuitous
14	14	16	10.66	75	800	2½	3	10	8	89 x 28	Fortuity
14	14	24	16.00	50	800	2½	3	10	8	108 x 28	Forum
14	16	16	14.92	75	1020	2½	3	12	10	89 x 29	Forwaste
14	16	24	20.88	50	1044	2½	3	12	10	108 x 29	Forweary
16	14	16	10.66	75	800	2½	3	10	8	90 x 28	Forweep
16	14	24	16.00	50	800	2½	3	10	8	114 x 28	Fosse
16	16	16	14.92	75	1020	2½	3	12	10	96 x 29	Fossores
16	16	24	20.88	50	1044	2½	3	12	10	114 x 29	Fossroad
16	18	24	26.44	50	1322	2½	3	12	10	118 x 32	Fother
16	20	24	32.64	50	1632	2½	3	14	12	118 x 32	Fougade
18	16	24	20.88	50	1044	3½	4	12	10	118 x 29	Foughten
18	18	24	26.44	50	1322	3½	4	12	10	118 x 32	Foulder
18	20	24	32.64	50	1632	3½	4	14	12	118 x 32	Fouled
18	22	24	39.50	50	1975	3½	4	14	14	120 x 35	Fouling
20	24	24	47.00	50	2350	3½	4	16	16	132 x 39	Foulingly
20	18	24	26.44	50	1322	3½	4	12	10	128 x 32	Fouly
20	20	24	32.64	50	1622	3½	4	14	12	128 x 32	Foumart
20	22	24	39.50	50	1975	3½	4	14	14	128 x 35	Founded
20	24	24	47.00	50	2350	3½	4	16	16	132 x 39	Fount

ALSO PATTERNS FOR LARGER SIZES OR OTHER COMBINATIONS OF CYLINDERS.

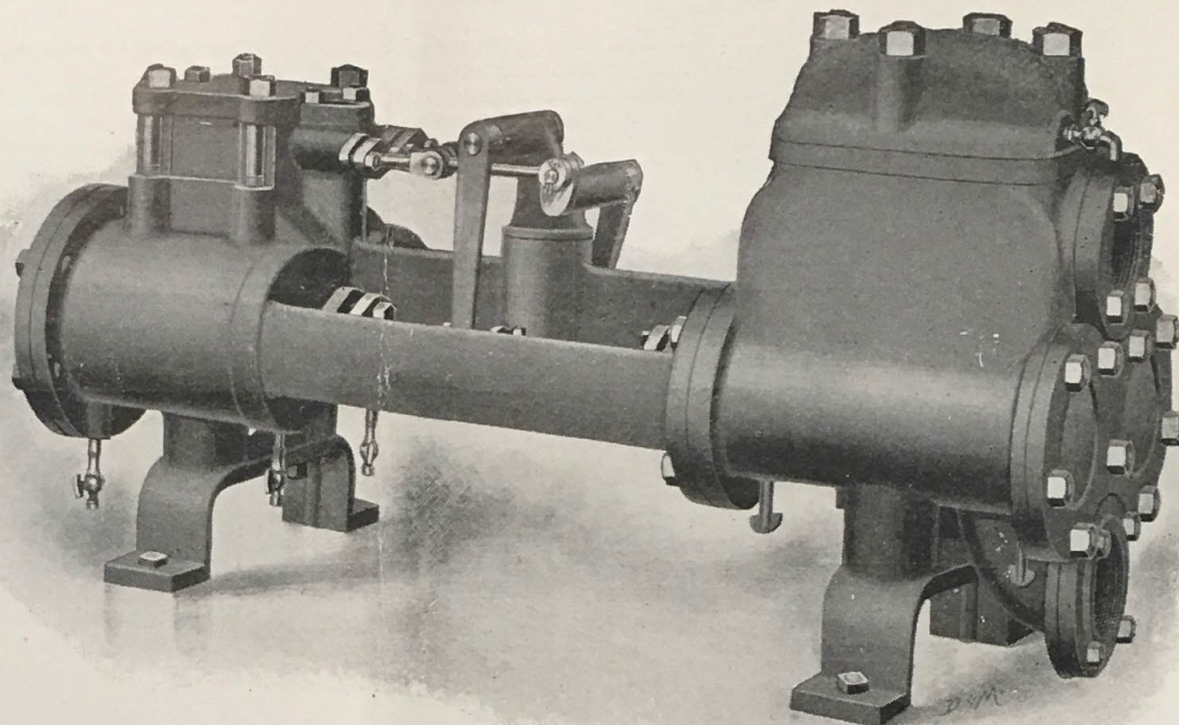
The water cylinders are arranged with *composition* linings, valve seats, valve bolts, water pistons, and piston rods; the water pistons are packed with a special form of adjustable packing.

Auxiliary Boiler Feed Pumps (single action plungers) attached when required. Prices extra. Pumps with water cylinders entirely of COMPOSITION, EXTRA. The hand-power attachment applied to the first four sizes.

In ordering, parties will please state fully the duty to be performed, also size and length of pipes. All sizes up to 8 x 8 x 12 inclusive are of the "flat cap" pattern, good for water pressures corresponding to 100 feet head or less. Larger sizes have water cylinders of the "close clearance" type, suited for 75 feet head, or less. Copper air chambers will be furnished, if required, at a slight additional charge.

The Knowles Special Duplex Pump.

Pressure Pattern, for Boiler Feeding, Etc.



The above cut shows one of our special pattern duplex pumps (size, 6x4x6). These pumps are provided with double acting water pistons, and are suitable for boiler feeding, fire service, or for general purposes. The water cylinders are brass lined, and the water pistons are arranged so that the packing may be readily renewed when required.

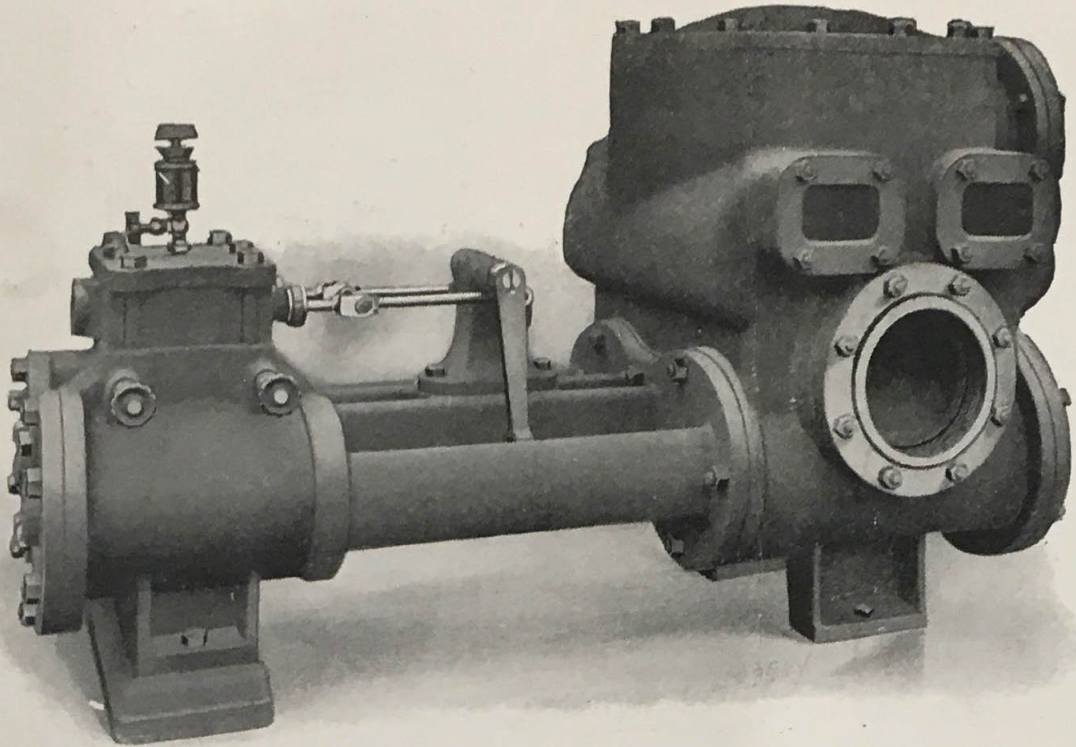
Steam Cylinders.	Water Cylinders.	Stroke.	Capacity in Gallons per Stroke each Piston.	Strokes per Minute each Piston.	Capacity of both Cylinders, in Gallons, per Minute.	Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Discharge Pipe.	Telegraphic Code Word.	
										Regular.	Brass Fitted.
Ins.	Ins.	Ins.				Ins.	Ins.	Ins.	Ins.		
2	1 1/4	2 3/4	.014	100 to 300	2 to 8	3/8	1/2	1	3/4	Gabble	Gallisme
3	2	3	.04	100 " 250	8 " 20	3/8	1/2	1 1/4	1	Gablet	Gallitos
4 1/2	2 3/4	4	.10	100 " 200	20 " 40	1/2	3/4	2	2	Gadding	Gallivats
5 1/4	3 1/2	5	.20	100 " 200	40 " 80	3/4	1 1/4	2 1/2	2 1/2	Gaffer	Gallivespa
6	4	6	.33	100 " 150	66 " 100	1	1 1/2	3	3	Gaffle	Galliwasp
7 1/2	4 1/2	6	.42	100 " 150	85 " 125	1 1/4	1 1/2	4	3	Gagging	Galliziano
7 1/2	5	6	.51	100 " 150	100 " 150	1 1/4	1 1/2	4	3	Gaiety	Gallizzi
7 1/2	4 1/2	10	.69	75 " 125	100 " 170	1 1/4	1 1/2	4	3	Gaily	Galloch
9	5 1/4	10	.93	75 " 125	135 " 230	1 1/2	2	4	3	Gainable	Gallofeis
10	6	10	1.22	75 " 125	180 " 300	1 1/2	2	5	4	Gainful	Gallois
10	7	10	1.66	75 " 125	245 " 410	1 1/2	2	6	5	Gainless	Gallomane
12	7	10	1.66	75 " 125	245 " 410	2 1/2	3	6	5	Gainsay	Gallonamr.o
14	7	10	1.66	75 " 125	245 " 410	2 1/2	3	6	5	Gainstand	Gallonassi
12	8 1/2	10	2.45	75 " 125	365 " 610	2 1/2	3	6	5	Gairish	Gallonato
14	8 1/2	10	2.45	75 " 125	365 " 610	2 1/2	3	6	5	Gaiter	Gallonerai
16	8 1/2	10	2.45	75 " 125	365 " 610	2 1/2	3	6	5	Galaxy	Galloon
18 1/2	8 1/2	10	2.45	75 " 125	365 " 610	3	3 1/2	6	5	Galbulus	Gallooned
12	10 1/4	10	3.57	75 " 125	530 " 890	2 1/2	3	8	7	Galiot	Gallopade
14	10 1/4	10	3.57	75 " 125	530 " 890	2 1/2	3	8	7	Gallant	Gallophobe
16	10 1/2	10	3.75	75 " 125	560 " 935	2 1/2	3	8	7	Gallate	Galloping
18 1/2	10 1/2	10	3.75	75 " 125	560 " 935	3	3 1/2	8	7	Galleass	Gallorum
20	10 1/2	10	3.75	75 " 125	560 " 935	4	5	8	7	Gallego	Gallowglas
16	12	10	4.89	75 " 125	730 " 1220	2 1/2	3	10	8	Galleon	Gallows
18 1/2	12	10	4.89	75 " 125	730 " 1220	3	3 1/2	10	8	Gallery	Gallreich

ALSO PATTERNS FOR LARGER SIZES.

A slight additional charge is made when pumps are fitted with brass pistons and brass piston rods. To designate the sizes give the diameter of steam and water cylinders and length of stroke, or use code word.

The Knowles Special Duplex Pump.

Tank, or Light Service Pattern.



Size, 8 x 10 $\frac{1}{4}$ x 10.

These pumps are designed for use where the liquid handled is to be raised only to a moderate height. They are made of the piston pattern, pump pistons fibrous packed, and they are furnished with valves of hard or soft rubber, or of metal, as required, according to the liquid to be handled. Water cylinders are brass lined.

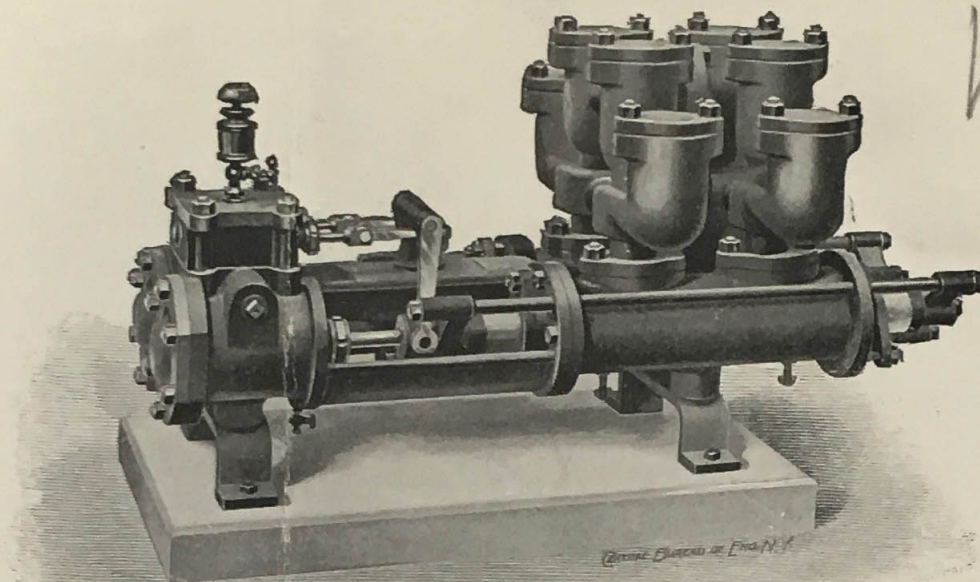
Steam Cylinders.	Water Cylinders.	Stroke.	Capacity in Gallons per Stroke, each Piston.	Strokes per Minute, each Piston.	Capacity of Both Cylinders in Gallons, per Minute.	Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Discharge Pipe.	Telegraphic Code Word.	
										Regular.	Brass Fitted.
Ins.	Ins.	Ins.				Ins.	Ins.	Ins.	Ins.		
3	2 $\frac{3}{4}$	3	.08	100 to 200	15 " 30	$\frac{3}{8}$	$\frac{1}{2}$	1 $\frac{1}{4}$	1	Geerbtes	Genoegen
4 $\frac{1}{2}$	3 $\frac{3}{4}$	4	.20	100 " 200	40 " 80	$\frac{1}{2}$	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	Geese	Genoemd
5 $\frac{1}{4}$	4 $\frac{3}{4}$	5	.38	100 " 150	75 " 110	$\frac{3}{4}$	1 $\frac{1}{4}$	3	2 $\frac{1}{2}$	Gelable	Genoessig
6	5 $\frac{3}{4}$	6	.67	100 " 150	130 " 195	1	1 $\frac{1}{2}$	4	3	Gelatine	Genoethigt
6	7 $\frac{1}{2}$	6	1.14	100 " 150	225 " 340	1	1 $\frac{1}{2}$	6	5	Gelding	Genoffel
7 $\frac{1}{2}$	6	6	.73	100 " 150	146 " 220	1 $\frac{1}{4}$	1 $\frac{1}{2}$	4	3	Gelidity	Genoilleré
7 $\frac{1}{2}$	7 $\frac{1}{2}$	6	1.14	100 " 150	225 " 340	1 $\frac{1}{4}$	1 $\frac{1}{2}$	6	5	Geminate	Genoodigd
6	8 $\frac{1}{2}$	6	1.47	100 " 150	295 " 440	1	1 $\frac{1}{2}$	6	5	Gemmary	Genoper
7 $\frac{1}{2}$	8 $\frac{1}{2}$	6	1.47	100 " 150	295 " 440	1 $\frac{1}{4}$	1 $\frac{1}{2}$	6	5	Gemmated	Genoplesio
7 $\frac{1}{2}$	6	10	1.22	75 " 125	180 " 300	1 $\frac{1}{4}$	1 $\frac{1}{2}$	5	4	Gemmule	Genopt
7 $\frac{1}{2}$	7	10	1.66	75 " 125	245 " 410	1 $\frac{1}{4}$	1 $\frac{1}{2}$	6	5	Gendarme	Genosiride
8	7	10	1.66	75 " 125	245 " 410	1 $\frac{1}{2}$	2	6	5	Gender	Genovesas
8	7 $\frac{1}{2}$	10	1.91	75 " 125	285 " 475	1 $\frac{1}{2}$	2	6	5	Genearch	Genoveva
7 $\frac{1}{2}$	8 $\frac{1}{2}$	10	2.45	75 " 125	365 " 610	1 $\frac{1}{4}$	1 $\frac{1}{2}$	6	5	General	Genrebuild
8	8 $\frac{1}{2}$	10	2.45	75 " 125	365 " 610	1 $\frac{1}{2}$	2	6	5	Generant	Genteelish
10	8 $\frac{1}{2}$	10	2.45	75 " 125	365 " 610	1 $\frac{1}{2}$	2	6	5	Generate	Genterella
8	10 $\frac{1}{4}$	10	3.57	75 " 125	530 " 890	1 $\frac{1}{2}$	2	8	7	Generating	Gentezinha
10	10 $\frac{1}{4}$	10	3.57	75 " 125	530 " 890	1 $\frac{1}{2}$	2	8	7	Generic	Genthios
12	10 $\frac{1}{2}$	10	3.75	75 " 125	560 " 935	2 $\frac{1}{2}$	3	8	7	Generical	Genthite
14	10 $\frac{1}{2}$	10	3.75	75 " 125	560 " 935	2 $\frac{1}{2}$	3	8	7	Generosity	Genticae
10	12	10	4.89	75 " 125	730 " 1220	1 $\frac{1}{2}$	2	10	8	Generous	Genticorum
12	12	10	4.89	75 " 125	730 " 1220	2 $\frac{1}{2}$	3	10	8	Genesis	Genticum
14	12	10	4.89	75 " 125	730 " 1220	2 $\frac{1}{2}$	3	10	8	Genetic	Gentilibus
10	14	10	6.66	75 " 125	990 " 1660	1 $\frac{1}{2}$	2	11	10	Genevan	Gentilino
12	14	10	6.66	75 " 125	990 " 1660	2 $\frac{1}{2}$	3	12	10	Genevese	Gentilismo
14	14	10	6.66	75 " 125	990 " 1660	2 $\frac{1}{2}$	3	12	10	Genially	Gentilitas

ALSO PATTERNS FOR LARGER SIZES.

A slight additional charge is made when pumps are fitted with brass pistons and brass piston rods. To designate the sizes, give the diameter of steam and water cylinders, and length of stroke, or use code word.

The Knowles Special Duplex Pump.

End Packed Outside Plunger Pattern.



Size, $5\frac{1}{4} \times 3 \times 5$.

THIS pattern of pump is specially designed for pipe lines, for mining purposes, for feeding boilers carrying very high steam pressures in conformity with the most modern practice, or for any service requiring the delivery of liquids under unusually heavy pressure, not to exceed 250 to 450 pounds per square inch. Owing to the facility with which wear in the water plungers may be taken up, by setting out the packing in the stuffing boxes, these pumps are specially well suited for handling gritty liquids.

Steam Cylinders.	Water Plungers.	Stroke.	Capacity in Gal- lons per Stroke, each Plunger.	Strokes per Minute, each Plunger.	Capacity of Both Cyl- inders, in Gallons, per Minute.	Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Discharge Pipe.	Water Pressure Pump End will stand, in lbs., per square inch.	Telegraphic Code Word.	
											Regular.	Brass Fitted.
3	2	3	.04	100 to 200	8 to 16	$\frac{3}{8}$	$\frac{1}{2}$	$1\frac{1}{4}$	1	300	Gialder	Gimmel
$4\frac{1}{2}$	2	4	.05	100 " 200	10 " 20	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$	300	Giant	Ginnasta
$4\frac{1}{2}$	$2\frac{1}{2}$	4	.08	100 " 200	16 " 32	$\frac{1}{2}$	$\frac{3}{4}$	2	$1\frac{1}{2}$	300	Gianter	Ginnastum
$5\frac{1}{4}$	3	5	.15	100 " 200	30 " 60	$\frac{3}{4}$	$1\frac{1}{4}$	2	$1\frac{1}{2}$	300	Giantess	Ginnico
6	$3\frac{1}{2}$	6	.25	100 " 150	50 " 75	1	$1\frac{1}{2}$	$2\frac{1}{2}$	2	300	Gibbed	Ginnodermi
6	4	6	.33	100 " 150	67 " 100	1	$1\frac{1}{2}$	3	$2\frac{1}{2}$	300	Gibbedale	Ginnorinco
$7\frac{1}{2}$	4	6	.33	100 " 150	67 " 100	$1\frac{1}{4}$	$1\frac{1}{2}$	3	$2\frac{1}{2}$	300	Gibbering	Gimpelfang
$7\frac{1}{2}$	$4\frac{1}{2}$	6	.42	100 " 150	85 " 125	$1\frac{1}{4}$	$1\frac{1}{2}$	4	3	300	Gibberinus	Gimpelgelt
$7\frac{1}{2}$	5	6	.51	100 " 150	100 " 150	$1\frac{1}{4}$	$1\frac{1}{2}$	4	3	300	Gibberos	Ginandria
$7\frac{1}{2}$	$4\frac{1}{2}$	10	.69	50 " 100	69 " 138	$1\frac{1}{4}$	$1\frac{1}{2}$	4	3	300	Gibberipe	Gimpelhaft
$7\frac{1}{2}$	5	10	.85	50 " 100	85 " 170	$1\frac{1}{4}$	$1\frac{1}{2}$	4	3	300	Gibberish	Gimpmuehle
10	5	10	.85	50 " 100	85 " 170	$1\frac{1}{2}$	2	4	3	250	Gibberos	Ginandria
10	5	12	1.02	50 " 100	102 " 204	$1\frac{1}{2}$	2	4	3	250	Giddily	Gindarus
10	6	10	1.22	50 " 100	122 " 244	$1\frac{1}{2}$	2	5	4	300	Giddy	Ginebrada
10	6	12	1.47	50 " 100	147 " 294	$1\frac{1}{2}$	2	5	4	300	Giebelgeld	Ginecomane
12	6	10	1.22	50 " 100	122 " 244	$2\frac{1}{2}$	3	5	4	300	Giebelmoos	Ginestrina
12	6	12	1.47	50 " 100	147 " 294	$2\frac{1}{2}$	3	5	4	300	Gienmaul	Gingerly
12	7	10	1.66	50 " 100	166 " 332	$2\frac{1}{2}$	3	6	5	300	Giereklauw	Gingerness
12	7	12	2.00	50 " 100	200 " 400	$2\frac{1}{2}$	3	6	5	300	Gierende	Gingibrine
12	$7\frac{1}{2}$	10	1.91	50 " 100	191 " 382	$2\frac{1}{2}$	3	6	5	300	Gierenoog	Gingidion
12	$7\frac{1}{2}$	12	2.30	50 " 100	230 " 460	$2\frac{1}{2}$	3	6	5	300	Giereveder	Gingilipho
14	7	10	1.65	50 " 100	166 " 332	$2\frac{1}{2}$	3	6	5	300	Gierigaard	Gingillano
14	7	12	2.00	50 " 100	200 " 400	$2\frac{1}{2}$	3	6	5	300	Gierzwaluw	Gingivite
											Giessbad	Gingivula

ALSO PATTERNS FOR LARGER SIZES.

A slight additional charge is made when pumps are fitted with brass plungers.

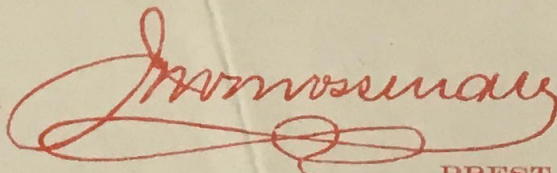
To designate the sizes, give the diameter of steam and water cylinders and length of stroke, or use code word.

CAUTION.

Take notice and do not be imposed upon by any so-called Time Lock Company or any Company or individual who may represent having authority from the manufacturers to care for your time lock as they have delegated this Company to act for them, as you may learn if you will communicate with them direct.

Our Experts, bearing proper credentials, make regular annual visits throughout all sections of the United States and Canada.

J. M. MOSSMAN CO.,

BY  PREST.

Form 1767.
(Ed. Jan. 29-06—1,000,000.)

TREASURY DEPARTMENT.

244294
16
243,694

2977.00
15.18
3008.51

Geo W. Moore

Geo W. Moore

LIBRARY OF THE UNIVERSITY OF CHICAGO

402.20

PLK 402.20

3692

To the users of . . .

The Diebold Time Locks.

In view of our guarantee for "the proper working" of our TIME LOCKS, which requires that "at your expense" they shall "be examined, cleaned, and if necessary, repaired once a year by an expert to be designated by us," we have appointed the J. M. MOSSMAN CO., No. 72 Maiden Lane, New York, our General Agent, to clean, oil and otherwise care for Time Locks of our manufacture.

Experts bearing proper credentials from the J. M. Mossman Co. will be entitled to fill all requirements the same as if sent directly from us.

Very respectfully,

Diebold Safe and Lock Co.

Canton, Ohio.



IN REPLYING, QUOTE UPPER INITIAL,
RIGHT HAND CORNER.

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

October 20, 1908.

J. M. Hosman Co.,

23 Warren Street,

New York, N. Y.

Sirs:

Referring to the statements contained in your letters of the 13th and 16th instant, you are advised that Department letter of July 21st last is hereby modified, as related to the cleaning, repairing, and guaranteeing, for a period of one year, the proper working of five (5) time locks in the Mint Building, and one (1) time lock in the Post-Office and Court-House Building, at Denver, Colorado, as far as the present fiscal year is concerned, by making the amount five dollars (\$5.00) each, in lieu of ten dollars (\$10.00). It is understood and agreed that this modification includes the guarantee of the locks from June 8, 1908, when they were last cleaned, to November, 1909, which will be a year from the following November, when your agent will be in Denver to clean the locks under this modification of the acceptance.

The Custodian of each of the buildings named have been advised of the tenor of this letter.

Respectfully,

(Signed) BEEKMAN WINTHROP

Assistant Secretary.

INCLOSURE 9468

FROM
TREASURY DEPARTMENT,
OFFICE SUPERVISING ARCHITECT.

FORM NO. 8762.

2—5198



IN REPLYING, QUOTE UPPER INITIAL,
RIGHT HAND CORNER.

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON July 21, 1908.

J. M. Mossman Co.,
No. 23 Warren Street,
New York, N. Y.

Sirs:

In view of Departmental approval, and the public exigency which requires the immediate performance of the work; your proposal of the 22d ultimo is hereby accepted, to clean, repair when necessary, and to guarantee the proper working of time locks in buildings under the control of the Treasury Department, for the fiscal year ending June 30, 1909, at the rate of ten dollars (\$10.00) for each lock.

It is understood and agreed that the services to be performed by you, under this acceptance, are to be similar in character in all respects to the requirements of Department letter of July 8, 1902, accepting your proposal for cleaning, repairing, etc., the time locks referred to for the fiscal year ending June 30, 1903; and the following is a list of the time locks embraced in this acceptance, approximating seventy-eight (78) in number, more or less:

Baltimore, Md., Custom-House,	2
Boston, Mass., Post-Office and Sub-Treasury,	6
Chicago, Ill., Post-Office, Court-House, etc.,	3
Cincinnati, Ohio, Custom-House and Post-Office,	3
Denver, Colo., Post-Office and Court-House,	1
✓ Denver, Colo., Mint,	5
Helena, Mont., Assay Office,	1
New Orleans, La., Custom-House and Post-Office,	2
New York, N. Y., Sub-Treasury,	7
New York, N. Y., Assay Office,	2
Philadelphia, Pa., Mint,	8
Philadelphia, Pa., Custom-House, etc.,	6
San Francisco, Cal., Sub-Treasury	4
San Francisco, Cal., Mint,	3
St. Louis, Mo., Custom-House and Post-Office,	2
Washington, D. C., Treasury Building,	19
Washington, D.C., Bureau of Engraving & Printing,	4
Total-	78

It is understood and agreed that, should any additional time locks in buildings under the control of this Department require

cleaning and repairing, the price per lock herein stated is to govern in such cases, and that you are to guarantee the proper working of all locks included in this acceptance for a period of one year after you have cleaned and repaired the same, provided that said locks shall receive fair treatment at the hands of the users; that in the event of any of the mechanism becoming deranged this shall be reported promptly to you, and arrangements must be perfected for their immediate repair by you, or your representative, in order that they may not be placed out of commission. It must be further agreed that in case of a lock out, due to any defect or fault of the locks, you must open the safe or vault to the door of which it is attached and restore the same to as secure a condition as before, at your expense, and that you will duplicate any parts of the device which may be required, at the lowest market rates.

It is also understood and agreed that the time stipulated for cleaning and repairing each lock is to be one year from the ~~date~~ when last cleaned and repaired by you, for which a guarantee ~~was~~ given by you under Department letter of July 10, 1907.

A formal bond in the sum of one thousand dollars (\$1,000.00), to guarantee the satisfactory performance of the work, will be forwarded to you, and you are requested to execute and return the same to this Department.

Payments will be made on account of the above acceptance from the appropriation for "Vaults, Safes, and Locks for Public Buildings, 1909".

Respectfully,

(Signed) Beekman Winthrop,

Acting Secretary.

DENVER: MINT.

P.



IN REPLYING QUOTE UPPER INITIAL
RIGHT HAND CORNER.

TREASURY DEPARTMENT

WASHINGTON, July 23, 1908.

Inclosure 3182.

The Custodian,

U. S. Mint,

Denver, Colo.

Sir:

For your information, and the files of your office, there is inclosed herewith a copy of Department letter of July 21, 1908, accepting the proposal of the J. M. Mossman Co., New York, N. Y., for cleaning, repairing when necessary, and guaranteeing the perfect operation of time locks in the building in your custody during the current fiscal year, at the rate of \$10.00 for each lock.

When this service has been rendered in a satisfactory manner, you will please forward here voucher covering the expense, payment to be made from the appropriation for "Vaults, Safes, and Locks for Public Buildings, 1909."

In this connection, you are requested to retain on the files of your office the certificates of inspection issued by the above named company.

Respectfully,

W. B. Fay
Supervising Architect.

Copy to Mr. Webb

July 23/08

Enclosure 2482.

The Custodian,

U. S. Mint,

Denver, Colo.

Sir:

For your information, and the files of your office, there is enclosed herewith a copy of Department letter of July 21, 1908, accepting the proposal of the J. M. Moorman Co., New York, N. Y., for cleaning, repairing when necessary, and guaranteeing the perfect operation of time locks in the building in your custody during the current fiscal year, at the rate of \$10.00 for each lock.

When this service has been rendered in a satisfactory manner, you will please forward here voucher covering the expense, payment to be made from the appropriation for "Vaults, Safes, and Locks for Public Buildings, 1909."

In this connection, you are requested to retain on the files of your office the certificates of inspection issued by the above named company.

Respectfully,

Handwritten signature
 Supervising Architect.

Handwritten:
 Please return at
 the work in time
 look forward
 July 1909.

TREASURY DEPARTMENT

WASHINGTON, July 23, 1908.

RECEIVED: MINT
P.

The United States,
To Marshall H. White, Dr.
"Repairs & Preservation of Public Buildings, 1905." (Appropriation.)

DATE.	AUTHORITY.	ARTICLES, SERVICES, OR WORK.	AMOUNT.
			Dollars. Cts.
1905 June 28	Department Letter Authorized date April 28, 1905.	Services of self and assistant for eight days in adjusting 12 outlet boxes and conduits in Coining & Melting rooms at \$4 ⁰⁰ each per day	64 00

The enclosed check is
in payment of original
of this check. This
duplicate to be retained
by Custodian.

DUPLICATE

BUILDING: U. S. Mint LOCATION: Denver, Colo.

I CERTIFY that the foregoing expenditure, embracing articles received or services performed, or both, covering prices and amounts deemed just and reasonable, was necessarily incurred for the building named above, under the appropriation quoted, and that the public exigency, where the articles and services were not supplied under formal contract or accepted proposal, required immediate delivery or performance, without advertisement.

APPROVED:

Assistant Secretary.

Frank M. Downer
Custodian OK

RECEIVED at _____, this _____ day of _____, 190____,
from _____, Disbursing _____, the sum of
Fifty-four _____
in full payment of the above account.

(SIGNED IN DUPLICATE.)

Marshall H. White

\$ 64⁰⁰

Paid by check No. _____, dated _____, 190____, drawn on _____,
payable to the order of payee as per caption.

DIRECTIONS.

Voucher No. _____

APPROPRIATION:

*Repair & Preservation
of Public Buildings, 1905.*

VOUCHER IN FAVOR OF

Marshall H. White

* *June 28*, 190*5*
Amount, \$ *64.00*

1. Form and use.—This form of voucher will be used for all expenditures on account of appropriations under the control of the Supervising Architect, except traveling expenses. Where an account is too large to be stated on one form, use additional forms, fastening them together in the upper left-hand corner, and carrying the footings forward from the bottom of one form to the top of another. Fill out the certificate and receipt on the last form only, and tear off the unused portions (certificate and receipt) of the preceding forms. This makes a continuous voucher from the caption to the signature. Vouchers of officers or employees, covering a reimbursement for minor expenditures incurred, must be accompanied with receipted bills. Vouchers are made out in duplicate.

2. Caption.—Insert the name of the public creditor (person, firm, or corporation, legibly written) on the first line, and quote the full title of the appropriation from which payment is to be made on the next line below. Do not confuse titles of special appropriations with descriptive titles of buildings. A building may be known as the "United States Custom-House, Baltimore, Md.," but its appropriation will read simply "Custom-House, Baltimore, Md." This feature is not involved in the annual appropriations. If uncertain as to the correct title of the appropriation, leave the line blank or write for instructions. Letters of authority, however, usually state the titles, and where this is the case they should be followed.

3. Body of voucher.—(a) In the first column give date of purchase or delivery of articles, or date of performance of service, or date upon which service has accrued for which payment is to be made. (b) Second column, state date of contract, thus: "Contract dated May 10, 1902;" date of acceptance of proposal, "Proposal accepted Sept. 26, 1902;" or date of Department letter authorizing the expenditure, "Authorized June 22, 1902." (The date of acceptance of proposal here referred to relates to proposals accepted only by the Department. An expenditure under a proposal not so accepted is considered as "Authorized.") If an emergency expenditure, unauthorized, leave the column blank. (c) Third column, describe the articles received or the service performed, or give a brief synopsis of work done, following the letter of authority, if any. State unit of price also, wherever practicable. (d) Fourth column, enter the amount as extended, and total the column if more than one item.

4. Title of building.—State the title of the building on the line designated for that purpose, following it with the name of the city and State in which located. The attention of Custodians is particularly called to this requirement, as its absence, in conjunction with other informalities, frequently renders identification of vouchers difficult, and causes delay in settlements.

5. Certificate.—The proper officer, charged with the duty of certification, must sign on the first line, followed by his official title on the second line. Vouchers received at the Department without certification will be returned. The approval blank, for the signature of the Assistant Secretary, is for use only when the voucher is paid at the Department.

6. Receipt.—When forwarded to the Department for payment, fill in the receipt on the appropriate line, also the scroll, with the amount called for by the voucher, but leave the date line and line for disbursing officer's name blank. Be sure that the amount in the receipt accords with that given in the voucher. The signature to the receipt should be made by the person, firm (by a member of the firm), or corporation (through its proper officer) in whose favor the voucher is issued. Signatures of public creditors should correspond with the names as written in the caption. When paid by a local Disbursing Agent, be guided by the instructions contained in paragraphs 16 and 17.

7. Briefing.—The briefing on the back must be properly filled out before the voucher is transmitted to the Department. Whether as a separate voucher forwarded for payment—in which case the number only is left blank—or as a voucher included in the abstract of a Disbursing Agent, this requirement must be adhered to. If the appropriation is unknown, as might be the case with an emergency expenditure, this portion of the brief may be left blank.

8. Letters of transmittal.—Accompany all vouchers sent to the Department for payment—chargeable to appropriations under the control of the Supervising Architect—with letters of transmittal. Such letters should describe briefly the work done or services rendered, and whether satisfactorily completed or performed; if for articles or supplies, whether received in good condition; and if for personal services of officers or employees, a brief descriptive reference to the service charged for and the period it covers. This requirement does not affect Disbursing Agents, whose monthly accounts are forwarded without letters.

9. Itemization.—(a) Unless issued under a contract or accepted proposal on file at the Department, or under a proposal accepted by a Custodian or other officer by authority from the Department, vouchers must be itemized—indicating the labor, material, and articles supplied, and the unit of price. (b) When issued under a proposal accepted by a Custodian or other officer, a copy of the proposal must accompany the voucher.

10. Freight, telegrams, etc.—(a) Freight and express charges will not be allowed unless sustained by the receipts of the transportation companies. (b) Charges for telegraphic service must be accompanied with copies of the telegrams; or the names of places from and to which sent, and the number of words must be stated on the voucher. (c) Bills for freight over land-grant or bond-aided railroads must not be paid, but should be referred to the Department for adjustment.

11. Correction of errors.—Errors in computation or extension, in stating dates of contracts, proposals, and authorizations, and the omission of signatures from certificates and receipts, should be carefully guarded against. When vouchers are returned for correction, and the amount in the receipt is increased as a result of such correction, issue new vouchers. A voucher may be reduced in amount by correction on its face, but can not be so increased.

12. Additions and deductions.—All acceptances by the Department, involving additions to or deductions from formal contracts or accepted proposals, and all revocations of prior acceptances, must be taken up in chronological order, in all vouchers issued on account of such contracts or proposals. Items of this character affect the amount of the retained percentages and the payments to be made, and cannot properly be omitted. Attention is particularly called to the requirements of this paragraph.

13. Division under appropriations.—In vouchers issued under contracts or accepted proposals involving a charge against two or more appropriations, the contract or proposal must be taken up as a whole for each appropriation, and separate vouchers rendered under each head, deducting from the amount of the contract or proposal, in each voucher, the sum or sums properly chargeable to the other items of appropriations. In this manner the contract or proposal is divided under its respective heads, and the different vouchers can be identified one with the other, and settlement facilitated.

14. Final settlements.—Vouchers in final settlement of contracts under bond must not be issued without prior authority from the Department. Such settlements may involve the imposition of a penalty, the determination of which rests with the Secretary of the Treasury. Accepted proposals, whose terms may provide a penalty for delay in execution of work, should be similarly treated. The completion of work under such contracts or accepted proposals should be promptly reported to the Department, with a statement of account and a full explanation of the causes of delay, if any, reference being made in detail to any loss or damage sustained by the United States as a result of such delay.

15. Contingent force.—Vouchers will be issued separately for the services of clerks, watchmen, carpenters, plumbers, machinists, laborers, etc., and must have the date of the oath of office stated thereon, in the second column, immediately following the quoted authorization, thus: "Authorized June 10, 1902. Oath June 16, 1902." (The date of expiration of temporary and probationary appointments of this class of employees should be borne carefully in mind, to avoid disallowances.) Extra service performed on Sundays or otherwise, by per diem employees, for which charge is made, must be specifically referred to on the face of the voucher, or it will not be allowed.

16. Superintendents of construction.—When issuing vouchers for presentation to a Disbursing Agent for payment, Superintendents must see that they are filled out and complete in every particular, excepting only the date of payment in the receipt, the check-legend at bottom of voucher, and the number on the back. The Superintendent's series of numbers will be made on the face of the voucher, in the upper right-hand corner, in continuous sequence, from the beginning of the work to its close. Vouchers for his own compensation must have stated thereon, in the second column, immediately following the quoted authorization, the date of the oath of office and of his assignment to duty, thus: "Authorized Sept. 12, 1902. Oath Sept. 16, 1902. Assigned Sept. 20, 1902." This paragraph applies also to Foremen of Construction and Superintendents of Repairs.

17. Disbursing agents.—These officers will number their vouchers on the back, in monthly series, beginning each month with the first voucher paid (No. 1), and following this with the other vouchers in the order of payment. The blanks in the check-legend at the bottom of the voucher must be filled out by the Disbursing Agent, and his official signature written thereunder. He should also insert the date of payment in the receipt. He must make no disbursements of any kind until authorized to do so by the Department, and upon receiving such authority should be careful to observe that his payments are made in accordance therewith.

18. Architects—Tarsney Act.—Architects in charge of construction are required to prepare and certify vouchers, in payment for work done under their local supervision, in accordance with the regulations and rules of the Department as to form and execution. They will be governed, therefore, in the preparation of vouchers, by the foregoing directions. Their form of certification should be as follows, written or stamped on the face of the voucher, and signed by them as architects: "Certified as to correctness and value of service performed, and approved for payment in the amount stated, viz., \$_____." The printed certificate on the voucher is for the signature of the Superintendent of Construction, who acts as the representative of the Department.

19. Sample vouchers.—Vouchers, combined in sets, embracing the salient features of the foregoing directions as to form and execution, have been prepared as samples for distribution to those charged with the duty of preparing, certifying, and issuing vouchers, and will be furnished upon request where not already supplied. These forms embrace the methods of accounting most frequently met with in the preparation of vouchers covering the various classes of expenditures under the control of the Supervising Architect, and a reference to them as a guide, when issuing vouchers, will save time and avoid much unnecessary correspondence.

* Insert date as shown in first column of voucher. If more than one date is shown, use the latest one.

TELEPHONE CONNECTION.

ALL CONTRACTS AND AGREEMENTS ARE CONTINGENT UPON STRIKES,
ACCIDENTS, AND OTHER OCCURRENCES BEYOND OUR CONTROL.



THE UNITED STATES MINT, PHILADELPHIA.
HEATING, VENTILATING & PLUMBING INSTALLED BY S. FAITH & CO.

S. Faith & Co.
Contractors
FOR
Steam & Hot Water Heating
Plumbing & Ventilating Apparatus
OFFICE 2427-33 PENNSYLVANIA AVENUE.



THE WITHERSPOON BUILDING, PHILADELPHIA.
PLUMBING INSTALLED BY S. FAITH & CO.

COUNTRY WORK PROMPTLY ATTENDED TO

Philadelphia Feb. 3rd 1905. 190

The U. S. Mint (New)

Denver, Clo.

Gentlemen:--

Receipt is hereby acknowledged of your check for
\$8142.40 for final payment under our contract for mechanical
equipment of Denver Mint, for which please accept our thanks.

Yours respectfully,

GAH/H

S. Faith & Co.
G. A. H.

COPY OF CONTRACT
for fiscal year ending June 30, 1909, with

(Place.) GOLDEN BELT MANUFACTURING CO.

(Date.) Durham, N. C.

The undersigned hereby agree to furnish coin bags of the qualities and makes below described, in such quantities as may be ordered by the Secretary of the Treasury, at the prices stated:

No. OF SAMPLE.	DESCRIPTION OF BAG.	FOR WHAT AMOUNT TO BE USED.	RATE PER BAG DELIVERED—	
			At points East of the Rocky Mountains.	At points West of the Rocky Mountains.
1	Bag to be 20½ inches long, 12 inches wide, to be of duck made from mid-dling cotton, weighing not less than 8 ounces to the yard of 29 inches width, counting not less than 50 double threads to the inch in the warp and not less than 32 double threads to the inch in the filling, to be free from starch or sizing of any kind, and sewed with double row of stitching (lock-stitch) with No. 8 best six-cord cotton thread, well stayed to prevent raveling.	\$1,000 silver.....	.08715	.0912
2	Bag to be 14 inches long, 6½ inches wide, and to be of same material and make as sample No. 1.	\$5,000 gold.....	.03525	.03705
3	Bag to be 16 inches long, 9½ inches wide, and to be of same material and make as sample No. 1.	\$500 silver.....	.05535	.05805
4	Bag to be 16 inches long, 9½ inches wide, and to be made of strong drill, sewed with double row of stitching (lock-stitch) and strong thread, well stayed to prevent raveling.	\$500 silver.....	.03165	.03345
5	Bag to be 14½ inches long, 6½ inches wide, to be made of strong, heavy sheeting, and to be sewed with lock-stitch and strong thread, well stayed to prevent raveling.	\$200 silver .....	.0168	.0177
6	Bag to be 9½ inches long, 6 inches wide, and to be of same material and make as sample No. 5.	\$100 silver.....	.0105	.011
7	Bag to be 8¾ inches long, 3¾ inches wide, and to be of same material and make as sample No. 5.	\$50 silver.....	.0074	.00785
8	Bag to be 17 inches long, 11½ inches wide, and to be of the same material and make as sample No. 4.	\$200 nickel.....	.03875	.0408
9	Bag to be 8½ inches long, 2½ inches wide, and to be of the same material and make as sample No. 5.	\$10 dimes, or \$5 nickel.	.0051	.0053
10	Bag to be 5½ inches long, 5 inches wide, and to be made of same material as No. 1 (duck), to be sewed with lock-stitch of strong thread, well stayed to prevent raveling.	Nos. 10 and 11 to be used together in making \$70 shipments of silver by mail.	.01955	.02045
11	Bag to be 5½ inches long, 4¾ inches wide, and to be of same material and make as sample No. 5.			

per pr.

(Bidders should state Name and Address.)

INSTRUCTIONS TO BIDDERS—COIN BAGS.

No bags are kept in the Stock of the Department, but they are ordered, from time to time, in quantities as required, upon requisition of public officers' and must be promptly delivered to any part of the United States, free of expense to the Government. Bags delivered and found to be inferior to samples submitted will be returned to contractor at the expense of the latter for transportation.

As some of the bags will be sent to public officers on the Pacific coast two rates will be given—one for delivery at points east, and one at points west, of the Rocky Mountains.

The Department is unable to state the number of bags which will be required. During the fiscal year ended June 30, 189 over hundred thousand were ordered in sizes as shown inside.

*Envelopes containing proposals should be marked "**Proposals for Coin Bags,**" and addressed to the Secretary of the Treasury, accompanied by a sample bag of each size.*

The bids will be considered and accepted or rejected item by item, and this proposal, so far as accepted by the Secretary of the Treasury, shall constitute the contract between the Government and the bidder, and no further contract will be executed.

Proposals will be received until June at 2 o'clock p. m.

The right is reserved to reject any or all bids, and to waive defects.

A certified check for \$400 will be required from the successful bidder as a guaranty of faithful performance of contract.

Secretary of the Treasury.

NUMBER OF COIN BAGS ORDERED DURING FISCAL YEAR

Size No. 1.....
Size No. 2.....
Size No. 3.....
Size No. 4.....
Size No. 5.....
Size No. 6.....
Size No. 7.....
Size No. 8.....
Size No. 9.....
Size No. 10.....
Size No. 11.....

Copy contract for coin bags.



TREASURY DEPARTMENT

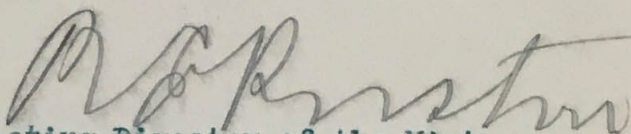
WASHINGTON June 30, 1908.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

Enclosed please find copy of Treasury contract for
coin bags for the fiscal year 1909, for your information.

Respectfully,


Acting Director of the Mint.

K.

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT,

1909

Director of the Mint.

SUBJECT:

Coinage
Committee
for
March 12, 1909

NO. OF INCLOSURES,

BUREAU OF THE MINT, TREASURY DEPARTMENT, WASHINGTON, D.C.

CONTRACT.

For furnishing and delivering f. o. b. cars, Waterbury, Connecticut, to the Quartermaster, U. S. Army, for shipment to the Mint of the United States at San Francisco, California, and the Mint of the United States at Denver, Colorado, each, one special rolling mill fitted with 12½" x 8" water cooled rolls, complete excepting the starting rheostat or controller.

THIS AGREEMENT made this *20th* day of March, 1908, between the Waterbury Farrel Foundry and Machine Company, Waterbury, Connecticut, of first part, and the United States of America, by Frank A. Leach, Director of the Mint, Washington, D. C., of the second part.

WHEREAS:- The party of the first part in response to invitation of the Director of the Mint, made proposals dated January 30, January 31, and February 10, 1908, to build complete and deliver f. o. b. cars, Waterbury, Connecticut, two rolling mills, one for shipment to the Mint of the United States at San Francisco, California, and one for shipment to the Mint of the United States at Denver, Colorado, finished and ready for operation (the Government to furnish a suitable controlling mechanism for motor) at a net price of four thousand eight hundred and fifty-two dollars and fifty cents (\$4,852.50) each, making a total of nine thousand seven hundred and five dollars (\$9,705). All conditions of specifications to hold good with the exception of changes *and eliminativis marked thereon and initialed and changes* fully set forth in letters of proposal under dates above mentioned, and which letters, with original specifications, are hereto attached and made a part hereof as fully and completely as though recited in detail.

NOW THIS AGREEMENT WITNESSETH:- That said party of the first part their successors and assigns do hereby covenant, promise and agree to and with said party of the second part to furnish and deliver f. o. b. cars, Waterbury, Connecticut, two complete rolling mills finished and ready for operation, in accordance with proposal requirements.

All interlineations made before signing by either party.

Frank A. Leach
Director of the Mint.

AND THE PARTY OF THE SECOND PART,- covenants, promises and agrees in consideration of said party of the first part keeping and performing the above covenants, promises and agreements to the satisfaction of said Director of the Mint, to pay to the party of the first part the sum of nine thousand seven hundred and five dollars (\$9,705) for said rolling mills in United States currency, in full payment therefor; payment to be made on this contract as follows: 60 per cent of the contract price on the delivery of the mill by the Quartermaster of the U. S. Army, on the ground floor of the mint building to which the same is consigned; 20 per cent thirty days after the mills have been delivered at building, and 20 per cent sixty days after the final inspection tests and acceptance of the mills.

IN WITNESS WHEREOF:- We have hereunto set our hands and seals the day and year above written.

The Waterbury Farrel Foundry & Machine Co. Firm Title.

Executed in presence of

by David C. Guggisberg, secy

Member of Firm.

1. J. M. Gelbrod
Witness.

Member of Firm.

2. M. J. Noonan
Witness.

R. P. Pristner as to

Frank A. Beach
Director of the Mint.

Approved:

L. A. Cowling
Assistant Secretary of the Treasury.

OFFICE OF THE
SUPERINTENDENT OF THE MINT OF THE U. S.

SAN FRANCISCO, Calif. Dec. 5 1907

Sealed proposals will be received at this office until 2 o'clock P.M. on the day of December..... 1907, and then opened, for building and delivering a special rolling mill in the U. S. Mint building, San Francisco, California.

Copies of the Specifications may be obtained at this office, at the discretion of the Superintendent of the Mint.

The Government reserves the right to reject any or all bids.

.....
Superintendent of the Mint.

GENERAL CONDITIONS.

FORM OF PROPOSAL AND SIGNATURE.

1. Proposals must be made on the blank forms hereto attached, enclosed in sealed envelopes marked "Proposal for building and delivering a special rolling mill in the U. S. Mint building, San Francisco, Calif.", and addressed to the Superintendent of the Mint, San Francisco, Calif., stating in writing and figures (without alterations, interlineations or erasure) the sum of money for which the bidder proposes to supply the materials and perform the work required by the drawings and this specification, and the time within which he proposes to complete the work, together with the data relating to materials, appliances, duty, etc., proposed to be used by bidder. The proposal must be signed with the full name and address of the bidder; if a co-partnership, the co-partnership name by a member of the firm, with the names and addresses in full of each member, and if a corporation, by an officer in the corporate name, with the corporate seal attached to such signature. No telegraphic proposals or telegraphic modifications of proposals will be considered. Proposals received after the time

advertised for the opening will be returned unopened. If proposal is sent by registered mail, allowance should be made for the additional time required for such transmission.

CERTIFIED CHECK

2. Each bidder must submit with his proposal a certified check in a sum equal to 2 per cent of the amount of such proposal, drawn to the order of the Treasurer of the U. S. and the proceeds of such check shall become the property of the United States, if, for any reason whatever, the bidder, after the opening of the bids, withdraws from the competition, or refuses to execute the contract required in the event of said contract being awarded to him. Checks submitted the bidders will be returned after the approval of the contract executed by the successful bidder.

PROPOSALS

3. Proposals must be based on drawings Nos. 1, 2, 3, 4, 5 & 6 and this specification, and must include everything necessary to complete the work in every detail. The drawings and specifications must be interpreted together and all work called for in either, though not in both, must be included in the proposal.

TIME TO COMPLETE.

4. Bidders must state in their proposal the date when they will have the entire work completed, if awarded the contract. In naming the date allowance of ten (10) days must be made for examination of proposals and award of contract and a further allowance of twenty (20) days must be made for the execution and approval of a formal contract.

GUARANTEE

5. The successful bidder will be required to execute a formal contract, such contract to guarantee each and every part of the

work thereunder, and require the contractor to remedy at his own expense, all defects which may develop by reason of the use of any defective materials or workmanship.

REPLACEMENTS.

6. All questions as to the satisfactory completion of the contract and the defects necessary to be remedied, are to be determined by the Superintendent of the Mint or his authorized representative.

SUSPENSION.

7. The Superintendent reserves the right to suspend any work, or any portion thereof, if considered in the interest of the Government to do so, and if such suspension is on account of the failure of this contractor to properly execute his work then the time of suspension will be computed as in and part of the contract time, no extension of time being allowed therefor.

MATERIALS, ETC.

8. The materials supplied under this contract must in each case be the best class and grade found in the market, and strictly in accordance with the specifications. Bidders are required to name in the proposal sheet the make and quality of such materials and appliances that they propose to use, as called for in this specification.

9. In the event any of the submitted materials, etc., are not in accordance with the specification, or are not considered satisfactory, or the bidder fails to name the materials, etc., the Superintendent of the Mint will select such appliances, materials etc., which selection shall be final and binding upon the successful bidder. The Superintendent also reserves the right to reject any defective or unsatisfactory materials that may be discovered during the progress of the work.

ACCEPTANCE

10. The acceptance by the Government of any appliance or material named in the proposal sheet or submitted by the contractor is to be understood as an acceptance of the same only upon its conforming to the specification requirements in relation thereto and not as an absolute acceptance of the article without respect to the requirements of the specifications.

PATENT RIGHTS.

11. If any part of the material or appliances proposed to be furnished by the bidder is covered by the claims or patents of whatsoever nature of other parties, the contractor proposing to use such appliances will be required to pay all royalties therefor. The Government will not recognize any demand, etc., brought by any one on account of claims for infringement of patents.

DRAWINGS AND SAMPLES.

12. The successful bidder will be required to submit for approval to the Superintendent of the Mint or to his authorized representative, drawings as called for under the different sections of the specifications. Drawings must be furnished in triplicate, to be blue prints on linen and must be approved before the execution of the work to which they relate. The approval by the Government of any drawings submitted must be understood to be for general arrangement only, as this office assumes no responsibility for details of construction, dimensions, etc.

13. The successful bidder will be required to submit for approval such samples of materials, etc., as may be called for under the different sections of this specification.

14. No materials, appliances and fixtures requiring approval, are to be used in construction or delivered at the building until said approval has been obtained in writing.

TESTS.

15. The Superintendent of the Mint will cause such tests to be made as are required under the specifications and also reserves the right to make such other tests of materials and work which he may consider necessary to determine as to their compliance with this specification. If tests and inspection show that work or materials are not satisfactory the contractor must at once remedy the defects, and failing to do so in what the Superintendent of the Mint considers a reasonable time, the right is reserved to have the necessary changes, etc., made at the contractors expense.

PAYMENTS.

16. The first payment, 60 per cent of the contract price will be paid upon the delivery of the machinery at the building; second payment, 20 per cent, will be paid when all work is complete and mill ready for such tests as will be made in the building; 20 per cent thirty days after the final inspection, tests and acceptance of the work.

SPECIFICATIONS FOR THE CONSTRUCTION

OF A

12.5" X 8"

WATER COOLED ROLLING MILL

MAIN FRAMES

Main frames to be made of close grained, hard gray cast iron, free from cold shots, blow holes and shrinkage cracks, and will be machined on each end face to a uniform and parallel thickness and square with the base. The base flanges will be machined all over, including the fillets, and all round corners of the main frames to be filed to a smooth true radius with the rough edges of the frames.

BED PLATE

Bed plate to be of hard gray cast iron, clear of cold shots, blow holes and shrinkage cracks and free from warp. It will be machined both top and bottom, and must be of a uniform thickness and correct size after being machined. The main frames will then be mounted on the bed plate and properly secured thereto with the fitted bolts and taper pins, and ~~it~~ with the main frames square and in line with each other.

JOURNAL HOUSINGS

The journal housings will then be machined together and made the correct size and perfectly aligned with each other and with the

TIE PIECE

tie piece, also of hard, close grained cast iron, accurately fitted and secured in place as shown.

OUTBOARD BEARING

Outboard bearing to be made of hard close grained cast iron with the metal evenly distributed and to be located and secured to the main frame as shown and in line with the two counter-shaft bearings on the motor. This bearing will be self-oiling and babbitted with the same kind of metal as the main bearings and be constructed as shown.

ROLL SHAFTS

Roll shafts to be made of specially selected and well hammered Nickel Steel of not less than 102,000 pounds tensile strength and 17 per cent elongation and of a clear texture and uniformly hard. The holes for the water service must be carefully drilled with the lathe centers of a correct size and angle as shown. The central part of the roll shafts will be ground to exactly 8.5" diameter.

ROLL TIRES

Roll tires of Krupp crucible steel of not less than 104,000 lbs. tensile strength and 19 per cent elongation and to be hardened glass hard and ground to the proper internal diameter for a tight shrinking fit on the roll shafts. Each roll to be tested after the tires are shrunk on and be perfectly water tight at 150 lbs. pressure.

FINISHED

The rolls will then be finished complete by grinding the tires and journals perfectly true and correct size. The ends of the roll tires will be ground square and true and smooth with the journal fillets and each complete roll to be absolutely uniform and true to gauge and to the sizes shown on drawings.

MAIN BEARINGS

Main bearings to be of United States Navy Metal, 6 parts of electrolytic copper, 1 part Banca tin and 1/4 part pure zinc. The dovetail recesses for the white metal to be carefully chipped and dressed so that the edges of the ribs will be smooth and straight when bored out.

BABBITTED

All bearings will then be babbitted with special "Armature" metal manufactured by the John Finn Metal Works, San Francisco, Calif., U. S. A., and will be furnished by the Government. Care must be taken not to overheat the Babbitt before pouring, and after being completely cooled will be thoroughly peined with heavy peining hammers and again lightly peined after being bored out to within $1/8$ " of the finished diameter. All bearings will then be machined correctly and finished complete as shown with oil grooves and chamfers.

ADJUSTING WEDGES

Adjusting wedges will be made of hard gray cast iron, close grained and perfect castings, and will be machined all over as shown and to an absolutely uniform taper of 2" to 1 foot. The wedges will then be accurately scraped and fitted to the bottom of each housing and to the bottom of the lower bearings and the whole system of adjustment checked by changing the wedges end for end to insure a uniform movement of the rolls at each end with a corresponding movement of each pair of wedges. All tap bolts to have standard nut size heads and be case hardened and all nuts throughout to be case hardened.

ADJUSTING SCREWS

Adjusting screws will be made of tool steel and the points bearing against the thrust buttons hardened and ground together with the tool steel buttons and ends of the tool steel set screws. The adjusting screws to be threaded right and left hand as shown with ten (10) V threads per inch, threads to be finished with a solid die to make them

uniform and when fitted to their respective nuts must be free from backlash and hand tight. All bushings and bronze nuts will be made of gun metal 88-10-2 and threaded and fitted as shown.

BOTTOM ROLL BEARINGS

Bottom roll bearings will be accurately fitted and scraped to a uniform bearing on the walls of the housings and wedges and bored out to the proper size and alignment.

TOP ROLL BEARINGS

Top roll bearings to be as shown and the upper roll brasses carefully scraped and bedded in to the crown, sides and fillets of the housings. The lower half brasses of the top roll bearings must be accurately fitted to the housings and provided with gun metal parting pieces and dowels and shims as shown. The upper half bearings will be held up with 1" hollow annealed tool steel bolts and the lower half bearings with 2- 1 1/4" annealed tool steel bolts shaped as shown and capable of being screwed up or down by hand. The bearings must be bored out in perfect alignment with the housings and bottom bearings.

CLOCK MECHANISM

Clock mechanism to be arranged as shown and all the gears for operating the adjusting screws to be of gun metal 88-10-2. The clock spindle will be made of tool steel and the clock support and gear case to be of hard close grained cast iron. The clock crank and handle with the indicator point to be made and fitted as shown. Detail drawings of the clock will be furnished by the Government.

WATER SERVICE

Water service connections and fittings to be made and fitted as shown and when completely assembled to be packed and tested to 100 pounds water pressure and any defective

fittings or castings to be removed and replaced by good ones. All pipes with the exception of the banjos stand pipes, which are of galvanized iron, will be of brass, and all the standard brass fittings will be headed and polished.

INGOT GUIDE

The ingot guide will be constructed and secured in the position shown. The guide frame and adjustable guides will be made of gun metal and finished all over. The steel rolls in the guide blocks to be of Stubbs tool steel and so fitted that they will be nipped securely at the same time the guide blocks are clamped on the guide frame.

GEAR GUARD

The gear guard and oil pan covering the herring bone gears will be made of brass and fitted to run truly on the hub of the lower gear and the edge of the lower gear keeper plate.

KEEPER PLATES

There are 4 keeper plates. Two of machine steel for the main bearings and two of cast iron for the gears on the driving end of the roll shafts which are finished all over and fitted as shown.

HERRING BONE GEARS

Herring bone gears on the roll shafts will be made of machine steel and the teeth accurately cut with a 14° involute cutter and will be deeply and uniformly case hardened before being riveted together and when riveted together the teeth and featherways must be in line and have a true bearing and be mounted on the roll shaft as shown and described.

CHAIN DRIVE GEARS

Silent chain drive gears and chain of Morse make or equal must be furnished and installed.

MATERIALS AND WORKMANSHIP

All materials to be of the best of its several kinds. All work to be done in strict accordance with the drawings and

specifications and by skilled labor and any defective materials or bad workmanship to be made good by the contractor without expense to the Government for a period of one year dating from the date of payment for the mill.

BIDS

The Government reserves the right to reject any and all bids.

TIME

The contractor will state the time required to do the work.

INSPECTION

All work to be done to the entire satisfaction of the Director of the United States Mints or his representatives

SPECIFICATIONS FOR A 30 HORSE POWER, 220 VOLT DIRECT CURRENT
BACK GEARED MOTOR.

One 30 Horse Power, 220 volt direct current, back geared motor, compound wound and with a speed between 600 and 725 revolutions per minute to run a 12.5" x 8" water cooled rolling mill.

The motor to be fitted with extra long armature shaft and extra long countershaft and the specially constructed rawhide pinion and cast iron gear that meshes with it.

The motor pinion to be made with phosphor bronze bushing and plate and carefully selected, uniformly hard and thoroughly seasoned rawhide and to be mounted on and secured to the armature shaft as shown and described.

The rawhide pinions to be 8" P.D. and 6" face and 2.5 to 3 pitch, according to shaft centers. Care must be taken in fitting the pieces of rawhide to fit them tightly on to the 5-8" square feather cast on the spool, and the steel stud screwed into the end of the armature shaft must be tight and true with shaft. The extra long countershaft to be made as shown and fitted with the special cast iron gear to mesh correctly with the rawhide pinion.

The bidder must state whether or not back gear bearings are self oiling.

The accompanying drawing No/ 7 shows the striking points and fixed dimensions to which the motor must conform. The 4 long bolts shown at "X" must clear, when raised up 10", the body of the motor and commutator and all necessary data for the installation of said motor as shown on drawing No. 7 must be furnished with the bid, together with the guaranteed efficiencies and certified shop tests report of motor from 1/2 to

1 1/4 rated power.

The successful bidder must assume all responsibility as regards the necessary horse power required to successfully operate this mill, but in no case must a motor less than 30 H. P. be estimated on or installed.

MOTOR STARTER AND SPEED REGULATOR.

The contractor must furnish and install the apparatus hereinafter specified.

The motor starter and speed regulator is to be a Cutler-Hammer 220-250 volt, non-reversible, Carpenter type, with a ten per cent field control above the normal speed of the motor and be provided with underload, overload and pushbutton release.

This starter and regulator is to be of a size suitable for the motor furnished and of the design as shown on Bulletin No. 82 Cutler-Hammer catalogue, June, 1907, and is to be mounted on a slate or Alberene stone panel, together with a 300 Ampere 250 volt double pole, double break knife switch, said switch to be placed on the left hand side of panel. This panel will be mounted on the rolling mill by the Government, but the mounting of the resistance coils on the rolling mill, together with all wiring, connecting, etc., in connection with shop test must be done by the contractor.



TREASURY DEPARTMENT
OFFICE OF
DIRECTOR OF THE MINT

Washington, August 24, 1909.

Superintendent, U. S. Mint,
Denver, Colo.

Sir:

Referring to your letter of August 19, 1909 forwarding the bond and accompanying papers of Mr. William E. Russell guaranteeing the performance of his contract to supply coal to the Mint building during the current fiscal year and to the authorization of Mr. Edward Seerie, Jr. to execute this bond on the behalf of Mr. Russell, you are informed that it will be necessary either for Mr. Edward Seerie, Jr. to execute his affidavit covering the fact that he was duly authorized to execute and sign this bond for Mr. W. E. Russell or if that is not practicable, then the bond should be held by you until the return of Mr. Russell from Europe and properly executed by him.

The certified check of Mr. Russell is herewith inclosed with the request that you return the same to him with the evidence required either in the shape of an affidavit from Mr. Seerie or the signature of Mr. Russell is obtained.

Respectfully,

A. O. Kristin
Acting Director of the Mint.

Enclosure.

THE MINT OF THE UNITED STATES AT DENVER,
OFFICE OF THE SUPERINTENDENT,

Aug. 6th, 1909.

The Director of the Mint,
Washington, D. C.

Sir:-

I have to transmit herewith bond duly
executed by William E. Russell, in the penal
sum of Five Thousand Dollars, for furnishing
and delivering 2,500 tons of bituminous coal
at this building during the fiscal year 1910.

Respectfully,

Frank M. Downer
Superintendent.

282744

Bureau of the mint.
REC. AUG 9 1909

THE MINT OF THE UNITED STATES AT DENVER,

OFFICE OF THE SUPERINTENDENT,

AUG. 6th, 1909.

Frank M. Downer,
Superintendent.

SUBJECT:

Transmitting bond of
William E. Russell for
furnishing bituminous coal
for the fiscal year 1910.

Treasury Department,
Bureau of the Mint,
August 9, 1909.

Respectfully referred to
the Chief Clerk, Treasury Department.

A. M. Downer
Acting Director of the Mint.

NO. OF INCLOSURES, 1

Oct 25
1009 AUG 11
1

Department of Justice,

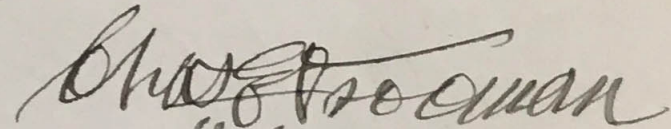
Office of the Solicitor of the Treasury,

In reply, refer to initials in
upper left-hand corner.

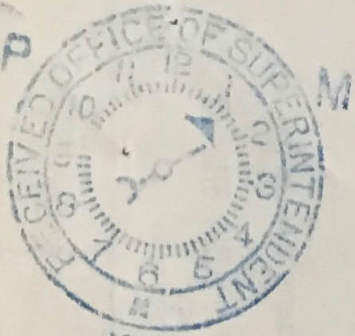
Washington, D. C. August 11, 1909.

The bond of William E. Russell for supplying coal is
executed by Edward ^{Servis} ~~Servis~~, Jr., for and in behalf of the said
Russell. Mr. ^{Servis} ~~Servis~~ must attach to this bond his authority or
power of attorney to execute for Mr. Russell.

Respectfully,



Chief Clerk.



THE MINT OF THE UNITED STATES AT DENVER,
OFFICE OF THE SUPERINTENDENT,

August 19, 1909.

1899
AUG
22

The Director of the Mint,

Washington, D. C.

Sir:

Referring to your letter of the 12th inst., I have to return herewith bond of William E. Russell for supplying coal for this institution during the current fiscal year, together with a copy of a letter signed by W. E. Russell authorizing Edward Seerie, Jr., to execute the bond on behalf of Mr. Russell.

The original of this letter was forwarded to the Bureau with the June accounts of this institution. I might explain that Mr. Russell is now in Europe, and I am advised will return about the 11th of September next. I recognize the fact that the above letter authorizing Mr. Seerie to exercise power of attorney is not in proper form, and I will have Mr. Russell sign the bond himself immediately on his return if it is so desired.

Respectfully,

Frank M. Downey
Superintendent.

Bureau of the mint
REC. AUG 23 1909

182744

THE MINT OF THE UNITED STATES AT DENVER,

OFFICE OF THE SUPERINTENDENT,

August 19, 1909

Frank M. Downer,

Superintendent

SUBJECT:

Returning Bond and accompanying papers of W.E. Russell for supplying coal, with copy of power of attorney of Edward Seerie, Jr.

Treasury Department,
Bureau of the Mint,

August 23, 1909.

Respectfully referred to the Chief Clerk, Treasury Department, for proper action.

W. E. Russell
Acting Director of the Mint.

NO. OF INCLOSURES,

October 15, 1909.

Mr. William E. Russell,
1523 Welton Street,
Denver, Colorado.

Sir:

You are informed that the Department accepts your amended proposal dated October 9, 1909, for supplying bituminous coal for use in the United States Mint building, Denver, Colorado, during the fiscal year ending June 30, 1910, the cost of the same to be paid from the appropriation "Contingent Expenses, Mint at Denver, 1910," under the following terms and conditions:

1500 tons, or so much thereof as may be necessary, to be determined by the exigencies of the service, of good steam, coking, run of mine bituminous coal, freshly mined, thoroughly cleaned, free from fine coal, dirt and excessive dust, known commercially as "Green Canon" from the Green Canon Mine located in Las Animas County, Colorado, having as a contract standard 13,000 British thermal units in the coal as delivered, and 12 per cent of ash in the dry coal, at the price of \$4.40 per ton of 2240 pounds; with the understanding that the deliveries of coal under this contract will be regularly and systematically sampled and corrections made for variations in the number of British thermal units in the coal as delivered and the ash in the dry coal, as provided in the accompanying specifications and proposal form, all the provisions of which are made a part of this contract.

INSTRUCTIONS FOR SAMPLING COAL DELIVERIES SUPPLEMENTING
THOSE GIVEN ON PAGE 3 OF THE SPECIFICATIONS.

Coal samples shall be collected, if practicable, in a metal bucket mounted on a swinging arm beneath the coal hole or chute. One bucketful of coal shall be secured from each fifth load of coal delivered, the load being selected for test without the knowledge of the driver or other agents of the coal contractor.

The sample collected must contain about the same proportion of lump to pulverized coal that is shown in the quantity delivered and should be preferably taken from about the middle of the load. These samples are to be immediately deposited in a metal receptacle with a capacity of 300 pounds or more, having a tightly fitting cover provided with a first class lock. Except when samples are being deposited or when the contents are being quartered the receptacle shall be securely locked, and the key held by a responsible employee designated by the Chief Engineer.

When the receptacle becomes filled, the contents shall be emptied on a clean and dry cement floor forming a conical shaped circular pile divided into four nearly equal parts about one foot high in the center. The larger lumps are to be broken down by means of a coal maul or sledge, and the pile quartered, using a shovel or board to separate the four sections. Opposite sections should then be rejected and returned to the bunkers and the remaining quantity broken down and mixed and reformed into a circular pile, quartered as before, etc., and this process

continued by successive quartering and breaking of lumps until a one quart sample is finally procured with lumps no larger than pea size. The quart sample shall be sealed in the glass bottles furnished by the Department, and forwarded promptly by express to the Treasury Department, care of the Storekeeper.

The bottles shall be labelled with the forms prepared by the Department, giving the required data in full, and it is imperative that all records of deliveries as to quantities and dates in relation to the sample representing same be accurately and carefully kept to furnish reliable evidence upon which the Department may act in the event of a deficiency in the quality of coal furnished.

Each bottle shall be numbered consecutively, beginning with 1 and continuing throughout the year during which the coal contract is in force.

Label forms printed on cards are also furnished and are to be filled out in duplicate for each sample bottle of coal accurately repeating the data on the bottle label. One of these cards shall be retained by the Chief Engineer as a record and the other card forwarded to the Treasury Department.

W.W. LUDLOW.

Chief Clerk.



TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

May 13, 1908.

TO CUSTODIANS OF U. S. BUILDINGS

Under control of the Treasury Department.

It is deemed inexpedient to have a member of the engineer force weigh and inspect fuel delivered to United States Buildings and to certify to the quantity and quality of such fuel on vouchers issued in payment therefor.

The detail of an engineer employee is considered objectionable for the reason that it frequently occasions an interruption in the discharge of his regular duties, and may require him to be absent from the building at most impracticable and inconvenient hours.

Further, the engineers and the employees of the engineer department are responsible for the accuracy of the records of coal consumption, and for this reason it is manifestly desirable that the check upon the coal purchased should be made by other persons equally as responsible.

You will therefore secure for the service described an employee of the Government other than a member of the engineer force, who shall be specially sworn for the performance of the duty.

BEEKMAN WINTHROP.

Assistant Secretary.

*United States Mint Building
Denver, Colorado*

TREASURY DEPARTMENT,
CHIEF CLERK AND SUPERINTENDENT.
Form No. 105.—Ed. Apr. 19-09—500.

SPECIFICATION

Bituminous Coal, Fiscal year 1910.

AND

PROPOSAL FOR COAL

TO BE SUPPLIED TO

UNITED STATES PUBLIC BUILDINGS

UNDER CONTROL OF THE

TREASURY DEPARTMENT.

SPECIFICATION AND PROPOSAL FOR SUPPLYING COAL.

United States *Mint Building*
Denver, Colo. April 1, 1909

PROPOSAL.

1 Sealed proposals will be received at this office until 2 o'clock p. m., *June 8*, 190*9*, for
2 supplying coal to the United States *Mint* building
3 at *Denver, Colorado* as follows:
4 *1,500 tons bituminous coal as*
5 *hereinafter described*

6
7 The quantity of coal stated above is based upon the previous annual consumption, and proposals must
8 be made upon the basis of a delivery of 10 per cent more or less than this amount, subject to the actual
9 requirements of the service.

10 Proposals must be made on this form, and include all expenses incident to the delivery and stowage of
11 the coal, which must be delivered in such quantities, and at such times within the fiscal year ending
12 June 30, 1910, as may be required.

13 Proposals must be accompanied by a deposit (certified check, when practicable, in favor of
14 the Secretary of the Treasury) amounting to 10 per cent of the aggregate amount of the bid submitted,
15 as a guaranty that it is bona fide. Deposits will be returned to unsuccessful bidders immediately
16 after award has been made, but the deposit of the successful bidder will be retained until after
17 the coal shall have been delivered, and final settlement made therefor, as security for the faithful
18 performance of the terms of the contract, with the understanding that the whole or a part thereof may
19 be used to liquidate the value of any deficiencies in quality or delivery that may arise under the terms of
20 the contract.

21 When the amount of the contract exceeds \$10,000, a bond may be executed in the sum of 25 per cent
22 of the contract amount, and in this case the deposit or certified check submitted with the proposal will be
23 returned after approval of the bond.

24 The bids will be opened in the presence of the bidders, their representatives, or such of them as may
25 attend, at the time and place above specified.

(1)

*Bidders will be permitted to submit a
proposal bond instead of certified check
with bids.*

26 In determining the award of the contract, consideration will be given to the quality of the coal offered
 27 by the bidder, as well as the price per ton, and should it appear to be to the best interests of the Govern-
 28 ment to award the contract for supplying coal at a price higher than that named in lower bid or bids
 29 received, the award will be so made.

30 The right to reject any or all bids and to waive defects is expressly reserved by the Government.

* DESCRIPTION OF COAL DESIRED.

31 Bids are desired on coal described as follows:

32 *Good steam, coking, run of mine, bituminous*
 33 *coal, freshly mined, thoroughly cleaned, free*
 34 *from fine coal, dirt and excessive dust, and*
 35 *equal to the best quality of Broadhead run of*
 36 *mine coal, which shall be adapted for economic*
 37 *use in Sawley Down Draft furnaces, and which*
 38 *shall contain not less than 12,300 British*
 39 *thermal units in the coal as received or*
 40 *delivered.*

42 Coals containing more than the following percentages, based upon dry coal, will not be considered:

43	Ash	12	per cent.
44	Volatile matter	38	per cent.
45	Sulphur	1.5	per cent.
46	† Dust and fine coal as delivered at point of consumption		per cent.

DELIVERY.

47 The coal shall be delivered in such quantities and at such times as the Government may direct.

48 In this connection, it may be stated that all the available storage capacity of the coal bunkers will be
 49 placed at the disposal of the contractor to facilitate delivery of coal under favorable conditions.

50 After verbal or written notice has been given to deliver coal under this contract, a further notice may
 51 be served in writing upon the contractor to make delivery of the coal so ordered within twenty-four hours
 52 after receipt of said second notice.

* NOTE.—This information will be given by the Government as may be determined by boiler and furnace equipment, operating conditions, and the local market.

† NOTE.—All coal which will pass through a $\frac{1}{8}$ -inch round-hole screen.

Bidders are requested to submit representa-
tive samples of the kind of coal offered.

Should the contractor, for any reason, fail to comply with the second request the Government will be at liberty to buy coal in the open market, and to charge against the contractor any excess in price of coal so purchased over the contract price.

SAMPLING.

Samples of the coal delivered will be taken by a representative of the Government.

In all cases where it is practicable, the coal will be sampled at the time it is being delivered to the building. In case of small deliveries, it may be necessary to take these samples from the yards or bins. The sample taken will in no case be less than the total of one hundred (100) pounds, to be selected proportionally from the lumps and fine coal, in order that it will in every respect truly represent the quantity of coal under consideration.

In order to minimize the loss in the original moisture content the gross sample will be pulverized as rapidly as possible until none of the fragments exceed $\frac{1}{2}$ inch in diameter. The fine coal will then be mixed thoroughly and divided into four equal parts. Opposite quarters will be thrown out and the remaining portions thoroughly mixed and again quartered, throwing out opposite quarters as before. This process will be continued as rapidly as possible until the final sample is reduced to such amount that all of the final sample thus obtained will be contained in the shipping can or jar and sealed air-tight.

The sample will then be forwarded to the Chief Clerk of the Treasury Department, care of the storekeeper.

If desired by the coal contractor, permission will be given to him, or his representative, to be present and witness the quartering and preparation of the final sample to be forwarded to the Government laboratories.

Immediately on receipt of the sample it will be analyzed and tested by the Government, following the method adopted by the American Chemical Society and using a bomb calorimeter. A copy of the result will be mailed to the contractor upon the completion thereof.

CAUSES FOR REJECTION.

A contract entered into under the terms of this specification shall not be binding if, as the result of a practical service test of reasonable duration, the coal fails to give satisfactory results due to excessive clinkering, or to a prohibitive amount of smoke.

It is understood that the coal delivered during the year will be of the same character as that specified by the contractor. It should, therefore, be supplied, as nearly as possible, from the same mine or group of mines.

Coal containing percentages of volatile matter, sulphur, and dust higher than the limits indicated on page 2, and coal containing a percentage of ash in excess of the maximum limits indicated in the following table will be subject to rejection.

In the case of coal which has been delivered and used for trial, or which has been consumed or remains on the premises at the time of the determination of its quality, payment will be made therefor at a reduced price computed under the terms of this specification.

Occasional deliveries containing ash up to the percentage indicated in the column of "Maximum limits for ash," on page 4, may be accepted. Frequent or continued failure to maintain the standard established by the contractor, however, will be considered sufficient cause for cancellation of the contract.

* PRICE AND PAYMENT.

93 Payment will be made on the basis of the price named in the proposal for the coal specified therein,
 94 corrected for variations in heating value and ash, as shown by analysis, above and below the standard
 95 established by contractor in this proposal. For example, if the coal contains two (2) per cent, more or
 96 less, British thermal units than the established standard, the price will be increased or decreased two (2)
 97 per cent accordingly.

98 The price will also be further corrected for the percentages of ash. For all coal which by analysis
 99 contains less ash than that established in this proposal a premium of 1 cent per ton for each whole per
 100 cent less ash will be paid. An increase in the ash content of two (2) per cent over the standard estab-
 101 lished by contractor will be tolerated without exacting a penalty for the excess of ash. When such
 102 excess exceeds two (2) per cent above the standard established, deductions will be made from price paid
 103 per ton in accordance with following table:

Ash as established in proposal.	No deduc- tion for limits below.	Cents per ton to be deducted.							Maxi- mum limits for ash.
		2	4	7	12	18	25	35	
		Percentages of ash in dry coal.							
<i>Per cent.</i>									
5-----	7	7- 8	8- 9	9-10	10-11	11-12	12-13	13-14	12
6-----	8	8- 9	9-10	10-11	11-12	12-13	13-14	14-15	13
7-----	9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	14
8-----	10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	14
9-----	11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	15
10-----	12	12-13	13-14	14-15	15-16	16-17	17-18	-----	16
11-----	13	13-14	14-15	15-16	16-17	17-18	18-19	-----	16
12-----	14	14-15	15-16	16-17	17-18	18-19	19-20	-----	17
13-----	15	15-16	16-17	17-18	18-19	19-20	20-21	-----	18
14-----	16	16-17	17-18	18-19	19-20	20-21	21-22	-----	19
15-----	17	17-18	18-19	19-20	20-21	21-22	-----	-----	19
16-----	18	18-19	19-20	20-21	21-22	22-23	-----	-----	20
17-----	19	19-20	20-21	21-22	22-23	-----	-----	-----	21
18-----	20	20-21	21-22	22-23	-----	-----	-----	-----	22

* NOTE.—The economic value of a fuel is affected by the actual amount of combustible matter it contains, as determined by its heating value shown in British thermal units per pound of fuel, and also by other factors, among which is its ash content. The ash content not only lowers the heating value and decreases the capacity of the furnace, but also materially increases the cost of handling the coal, the labor of firing, and the cost of the removal of ashes, etc.

Proposals to receive consideration must be submitted upon this form and contain all of the information requested.

Denver, Colorado
June 5, 1909

The undersigned hereby agree to furnish to the U. S. Mint

building at Denver, Colorado, the coal described, in tons of 2,240 pounds each and in quantity, 10 per cent more or less than that stated on page 1, as may be required during the fiscal year ending June 30, 1910 in strict accordance with this specification; the coal to be delivered in such quantities and at such times as the Government may direct.

Price per ton (2,240 pounds)

\$ 4.40

Commercial name of the coal

Green Canon

Name of the mine or mines

Green Canon

Location of the mine or mines

Las Animas County Colorado

Name or other designation of the coal bed or vein

Size (indicate information which will apply)—

~~Unsize~~

~~Lump~~

Run of mine ☒

~~Screened through~~

~~inch and over~~

~~inch~~

(Round } Openings.
Square }
~~Bar screen.~~

Data to establish a basis for payment:

British thermal units in coal as delivered

13,000

Ash in dry coal (Method of American Chemical Society)

12

per cent.

It is important that the above information does not establish a higher standard than can be actually maintained under the terms of the contract; and in this connection it should be noted that the small samples taken from the mine are invariably of higher quality than the coal actually delivered therefrom. It is evident, therefore, that it will be to the best interests of the contractor to furnish a correct description with average values of the coal offered, as a failure to maintain the standard established by contractor will result in deductions from the contract price, and may cause a cancellation of the contract, while deliveries of a coal of higher grade than quoted will be paid for at an increased price.

Signature:

William E Russell,

Address:

1523 Welton St.,

Denver, Colorado

Name of corporation,

Name of president,

Name of secretary,

Under what law (State) corporation is organized:

PROPOSAL FOR COAL

FOR THE

U. S. *Building*

AT

There is inclosed herewith a copy of the specifications and the proposal form as signed by you, and also a blank form of bond which you are requested to execute in the penal sum of \$2,500.00 as a guarantee for the faithful performance of the provisions of your contract. Special attention is invited to the rules attached to the bond which should be carefully observed in its execution.

The copy of the advertisement which must be forwarded with the bond should be obtained from the Superintendent of the U. S. Mint, Denver, Colorado. The other necessary papers which should accompany your bond, including the letter of acceptance and your original proposal, will be furnished by this Department.

Your certified check in the sum of \$1,125.00 will be returned to you upon the receipt of your bond and its approval by the Solicitor of the Treasury.

The inclosed copy of instructions relative to the sampling of coal deliveries will be carefully followed by the officials of the Mint building, and the settlement of your accounts will be made upon a monthly basis and after the results of the analyses and tests of samples have been determined by the Technologic Branch of the United States Geological Survey.

You are informed that so much of Departmental letter of July 16, 1909 relative to the quantity of coal to be delivered by you and to the guarantee as to the number of British thermal units in the coal as delivered and the percentage of ash in

William E. Russell---3---

the dry coal, in which the Department agreed to take 2500 tons, 10 per cent. more or less and you agreed to deliver coal of contract quality under a guarantee of 13,629 British thermal units in the coal as delivered and 5.73 per cent. of ash in the dry coal, is hereby revoked.

Please acknowledge the receipt of this communication and return your bond properly executed, with copy of advertisement attached, as soon as possible.

Respectfully,

Acting Secretary.

RCP

William E. Russell

the coal, in which the Department agreed to take 2500
tons, 10 per cent. more or less and was agreed to deliver
coal of contract quality under a guarantee of 13,629 British
thermal units in the coal delivered and 5.73 per cent. of
ash in the dry coal, is hereby revoked.
I hereby acknowledge the receipt of this communication and
return your bond properly executed, with copy of advertisement
attached, as soon as possible.
Respectfully,

Acting Secretary.

Fiscal year 1910.

(Place.) *J. Ross Collins*

(Date.) *84-86 White Street*
New York, N. Y.

The undersigned hereby agree to furnish coin bags of the qualities and makes below described, in such quantities as may be ordered by the Secretary of the Treasury, at the prices stated :

No. of Sample.	Description of Bag.	For what amount to be used.	Rate per bag delivered—	
			At points East of the Rocky Mountains.	At points West of the Rocky Mountains.
1	Bag to be 20½ inches long, 12 inches wide, to be of duck made from middling cotton, weighing not less than 8 ounces to the yard of 29 inches width, counting not less than 50 double threads to the inch in the warp and not less than 32 double threads to the inch in the filling, to be free from starch or sizing of any kind, and sewed with double row of stitching (lock-stitch) with No. 8 best six-cord cotton thread, well stayed to prevent raveling.	\$1,000 silver.....	<i>.0674</i>	<i>.0674</i>
2	Bag to be 14 inches long, 6½ inches wide, and to be of same material and make as sample No. 1.	\$5,000 gold.....	<i>.0279</i>	<i>.0279</i>
3	Bag to be 16 inches long, 9½ inches wide, and to be of same material and make as sample No. 1.	\$500 silver.....	<i>.0439</i>	<i>.0439</i>
4	Bag to be 16 inches long, 9½ inches wide, and to be made of strong drill, sewed with double row of stitching (lock-stitch) and strong thread, well stayed to prevent raveling.	\$500 silver.....	<i>.02995</i>	<i>.02995</i>
5	Bag to be 14½ inches long, 6½ inches wide, to be made of strong, heavy sheeting, and to be sewed with lock-stitch and strong thread, well stayed to prevent raveling.	\$200 silver	<i>.0144</i>	<i>.0144</i>
6	Bag to be 9½ inches long, 6 inches wide, and to be of same material and make as sample No. 5.	\$100 silver.....	<i>.0107</i>	<i>.0107</i>
7	Bag to be 8¾ inches long, 3¾ inches wide, and to be of same material and make as sample No. 5.	\$50 silver.....	<i>.0064</i>	<i>.0064</i>
8	Bag to be 17 inches long, 11½ inches wide, and to be of the same material and make as sample No. 4.	\$200 nickel.....	<i>.03215</i>	<i>.03215</i>
9	Bag to be 8½ inches long, 2½ inches wide, and to be of the same material and make as sample No. 5.	\$10 dimes, or \$5 nickel.	<i>.005</i>	<i>.005</i>
10	Bag to be 5½ inches long, 5 inches wide, and to be made of same material as No. 1 (duck), to be sewed with lock-stitch of strong thread, well stayed to prevent raveling.	Nos. 10 and 11 to be used together in making \$70 shipments of silver by mail.	<i>.005</i>	<i>.005</i>
11	Bag to be 5½ inches long, 4¾ inches wide, and to be of same material and make as sample No. 5.			

(Bidders should state Name and Address.)

J. Ross Collins
84 and 86 White Street
New York, N. Y.

INSTRUCTIONS TO BIDDERS—COIN BAGS.

No bags are kept in the Stock of the Department, but they are ordered, from time to time, in quantities as required, upon requisition of public officers' and must be promptly delivered to any part of the United States, free of expense to the Government. Bags delivered and found to be inferior to samples submitted will be returned to contractor at the expense of the latter for transportation.

As some of the bags will be sent to public officers on the Pacific coast two rates will be given—one for delivery at points east, and one at points west, of the Rocky Mountains.

The Department is unable to state the number of bags which will be required. During the fiscal year ended June 30, 189 over hundred thousand were ordered in sizes as shown inside.

*Envelopes containing proposals should be marked "**Proposals for Coin Bags,**" and addressed to the Secretary of the Treasury, accompanied by a sample bag of each size.*

The bids will be considered and accepted or rejected item by item, and this proposal, so far as accepted by the Secretary of the Treasury, shall constitute the contract between the Government and the bidder, and no further contract will be executed.

Proposals will be received until June at 2 o'clock p. m.

The right is reserved to reject any or all bids, and to waive defects.

A certified check for \$400 will be required from the successful bidder as a guaranty of faithful performance of contract.

Secretary of the Treasury.

NUMBER OF COIN BAGS ORDERED DURING FISCAL YEAR

Size No. 1.....

Size No. 2.....

Size No. 3.....

Size No. 4.....

Size No. 5.....

Size No. 6.....

Size No. 7.....

Size No. 8.....

Size No. 9.....

Size No. 10.....

Size No. 11.....



TREASURY DEPARTMENT

WASHINGTON September 22, 1909.

Superintendent, U. S. Mint,

Denver, Colorado.

Sir:

I am enclosing herewith prices at which coin bags will be furnished for the fiscal year 1910 by J. Ross Collins, Nos. 84-86 White Street, New York City, under Treasury Department contract.

Respectfully,

R. O. Kristin
Acting Director of the Mint.

K-

(1 enclosure)

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT,

1909

Director of the Mint.

SUBJECT:

Circular of
Coin
March 22
1910.

No. of Inclosures



TREASURY DEPARTMENT

WASHINGTON

October 12, 1909.

Superintendent, U. S. Mint,

Philadelphia, Pa.

Sir:

The following order for gloves and mitts has been received from the Superintendent of the Mint at Denver, and I will thank you to have packed for delivery to the Quartermaster U. S. A in your city, who has been requested to receive the same, for shipment to the Mint at Denver, the following articles, same to be purchased under your contract for supplies for the fiscal year 1910:-

For Melter & Refiner's Department.

2 doz. pairs Horsehide Mitts. No. 9.....	\$6.00	per dozen.
14 doz. pairs Buck gloves No. 10.....	8.50	" "
14 doz. pairs Buck Gloves No. 10 $\frac{1}{2}$	8.50	" "

For Coining Department.

3 doz. pairs Men's Buck Gloves. No. 8 $\frac{1}{2}$	8.50	" "
2 " " " " " No. 9.....	8.50	" "
1 " " " " " No. 9 $\frac{1}{2}$	8.50	" "
3 doz. " " " " " No. 9.....	8.50	" "
2 " " " " " No. 9 $\frac{1}{2}$	8.50	" "
1 " " " " " No. 10.....	8.50	" "
5 doz. pairs Buck Mitts (right & left) No. 9..	8.25	" "
5 " " " " " " No. 9 $\frac{1}{2}$.	8.25	" "
1 $\frac{1}{2}$ " " Adjuster's gloves No. 6 $\frac{1}{2}$	3.00	" "
$\frac{1}{2}$ " " " " " No. 7.....	3.50	" "

For Machinery Department.

2 doz. pairs Horsehide gloves..No. 9 $\frac{1}{2}$	6.50	" "
--	------	-----

3 doz. pairs Horse Hide Gloves No. 10.....	\$6.50	per dozen.
3 " " " " " No. 10 $\frac{1}{2}$	5.50	" "
1 dozen pairs Horse hide mitts No. 9 $\frac{1}{2}$	6.00	" "
2 " " " " " No. 10.....	6.00	" "
1 " " " " " No. 10 $\frac{1}{2}$	6.00	" "

As the Superintendent at Denver writes that his stock of gloves is very low I have to request that you will give your immediate attention to the shipment of these gloves and mitts.

Thanking you for your cooperation in this matter, I am,

Respect fully,

Signed.- R.E.Preston.

Acting Director of the Mint.

K-

Treasury Department,
Bureau of the Mint,

October 12, 1909.

Respectfully referred to the Superintendent, U. S. Mint at Denver for his information.

A. B. Brown
Acting Director of Mint.
K-

*Forward Mint
for Denver
Mint*

Supplies.



TREASURY DEPARTMENT

WASHINGTON April 2, 1908.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

In compliance with the request contained in your letter of the 27th ultimo, I requested proposal from J. W. Sittig, the successor of Bertuch & Co., New York City, to furnish the earthenware and porcelain goods required for your Mint, and have this day accepted his offer to furnish the same at the following prices, namely:

Antelope
Each \$20.50
" \$114.30

5 earthenware filters with outlet at the bottom, 3/4 inch ground in stop cock and flange for sieve plate 2-3/4 inches from bottom, capacity 33 gallons, without sieve plates, @ \$18.25, -----	\$91.25
4 porcelain filters with sieve plate and stop cock, Fig. O.1799, @ \$115.75 each, -----	463.00

Spd 8/11
Pd. 11/25

These prices include delivery at the Mint Building, Denver,
Colorado.

Respectfully,

Director of the Mint.

Received
4/2/04

Receipt
for
1. 1/2 caddy, N.Y. City
for
prods

91.20

463.

44.20

TREASURY DEPARTMENT

WASHINGTON, APRIL 2, 1904.

compliance with the request contained in your letter

of the 27th ultimo, I request you to

the successor of Barrett & Co., New York City, to furnish

the earthenware and porcelain goods required for your mine,

and have this day accepted his offer to furnish the same

at the following prices, namely:

5 earthenware filters with outlet at the bottom,	
3/4 inch ground in stop cock and flange for	
sieve plate 2-3/4 inches from bottom, capacity	
35 gallons, without sieve plates, a \$18.25, -----	\$18.25
4 porcelain filters with sieve plate and stop cock,	
Fig. C-1722, a \$18.75 each, -----	\$75.00

These prices include delivery at the Mine Building, Denver,

Colorado.

Respectfully,

Director of the Mine.

100001

NOT VALID UNLESS COUNTERSIGNED
GEO. H. COOMBS.

BY

G. H. Coombs

No. 4539

June 8 1908

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
trip. MOVEMENT TIME LOCK, No. 1251, belonging to the
Mint of the U.S., of *Denver Colo*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1251

For **DIEBOLD SAFE AND LOCK CO.**

Safe No *Vault F*

James Ross

72 MAIDEN LANE, NEW YORK.

23 WARREN ST.

NOT VALID UNLESS COUNTERSIGNED

GEO. H. COOMBS.

BY

G. H. Coombs

No. 4540

THIS IS TO CERTIFY

June 8 1908
THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
trip MOVEMENT TIME LOCK, No. 1252, belonging to the
Mint of the U.S., of *Denver Colo*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1252

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. Vault F

J. W. Rossman

72 MAIDEN LANE, NEW YORK.

23 WARREN ST.

NOT VALID UNLESS COUNTERSIGNED
GEO. H. COOMBS.

BY

G. H. Coombs

No. 4541

June 8 190 *8*

THIS IS TO CERTIFY

trip. THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Mint of the U.S. MOVEMENT TIME LOCK, No. 1253, belonging to the *Denver Colo*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1253

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. *Vault G*

J. W. Rossman

72 MAIDEN LANE, NEW YORK.

23 WARREN ST.

NOT VALID UNLESS COUNTERSIGNED

GEO. H. COOMBS.

BY

No. 4542

June 8 1908

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
trip MOVEMENT TIME LOCK, No. 1254, belonging to the
Mint of the U. S., of Denver Colo

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1254

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. Vault M

[Signature]

72 MAIDEN LANE, NEW YORK.

23 WARREN ST.

NOT VALID UNLESS COUNTERSIGNED

GEO. H. COOMBS.

BY

No. 4543

June 9 1908

THIS IS TO CERTIFY

THAT we have this day cleaned, inspected and put in good order the **DIEBOLD**
TRIP MOVEMENT TIME LOCK, No. 1275, belonging to the
Mint of the U. S., of Denver Colo

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1275

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. Vault Storage

[Signature]

72 MAIDEN LANE, NEW YORK.

23 WARREN ST.

NOT VALID UNLESS COUNTERSIGNED

T. H. SYMMES.

BY

T. H. Symmes

No. 14615

Oct 15th 1912

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. *1254* belonging to the
United States Trust, of *Denver, Colo.*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. *1254*

For **DIEBOLD SAFE AND LOCK CO.**

\$9.00

Safe No. _____

James J. Symmes

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

T. F. SYMMES.

BY

Y. H. Symmes

No. 14616

Oct. 15th

1912

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1253, belonging to the
United States Mint, of *Denver Colo.*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of ~~TEN DOLLARS~~ *\$9.00*, in full payment for the inspection and cleaning of said Time Lock, No. 1253

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. H. Symmes

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

T. F. SYMMES.

BY

No. 14617

Oct. 16 1912

THIS IS TO CERTIFY

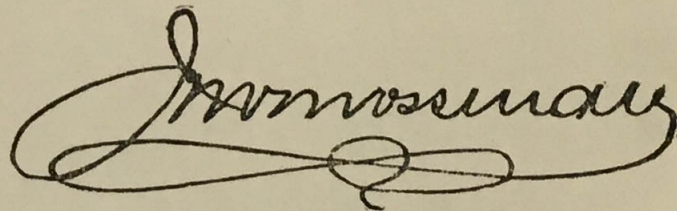
Triple THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
United States Mint **MOVEMENT TIME LOCK**, No. 1251, belonging to the
Denver, Colo.

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1251

For **DIEBOLD SAFE AND LOCK CO.**

\$ 9.00
Safe No. _____



23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

T. F. SYMMES.

BY

No. 14618

Oct. 16th 1912

THIS IS TO CERTIFY

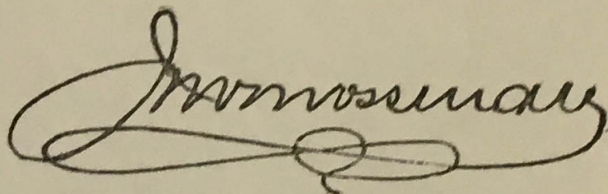
THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Drop MOVEMENT TIME LOCK, No. 1252, belonging to the
United States Mint, of Denver, Colo.

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1252

For **DIEBOLD SAFE AND LOCK CO.**

\$ 9.00
Safe No. _____



23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

T. F. SYMMES.

BY

No. 14619

Oct. 16th

1912

THIS IS TO CERTIFY

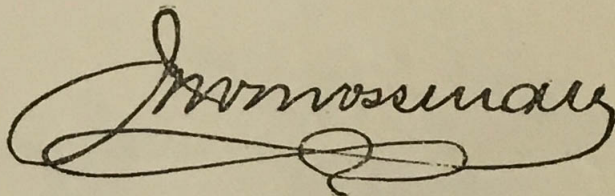
THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1275, belonging to the
United States Mint, of Denver, Colo.

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1275

For **DIEBOLD SAFE AND LOCK CO.**

\$ 9.00
Safe No. _____



23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. H. Macaulay
J. M. Mossman Co.

No.

8738

Nov 11th

1910

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. *1275*, belonging to the
United States Mint, of *Denver Colorado*

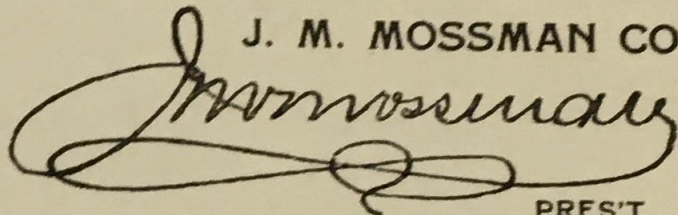
thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. *1275*

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY *H. H. MacCallister*
J. M. Mossman Co.

No. 8739

Nov 11th

1910

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. *1254*, belonging to the
United States Mint, of Denver, Colo.

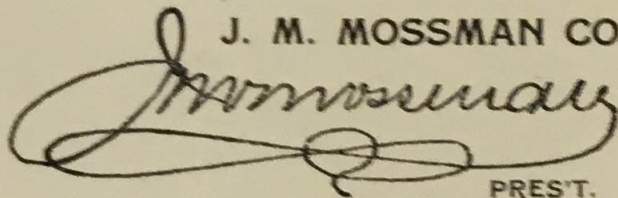
thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. *1254*

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. H. Mac Cullough.
J. M. Mossman Co.

No. 8740

Nov 12th

1910

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. *1251*, belonging to the
United States Mint, of *Denver Colo*

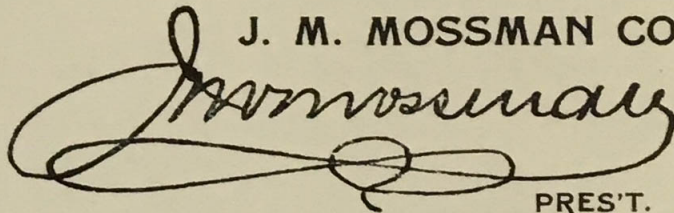
thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. *1251*

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

*H. H. Mac Cullough,
J. M. Mossman Co.*

No. 8741 _____ 190

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1252, belonging to the
_____, of _____

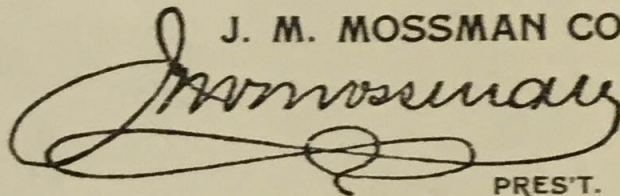
thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1252

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. R. MacCullough.
J. M. Mossman Co.

No. 8742

Nov-12th

1900

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. *1253*, belonging to the
United States Mint, of *Denver, Colo.*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. *1253*

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. _____

J. M. Mossman
PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY *H. H. MacCallough*

No. 8761

Nov 29th

1911

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1253, belonging to the
United States Mint, of *Denver, Colorado*.

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1253

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. *Vault 9*

J. M. MOSSMAN CO.

J. M. Mossman

PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. H. MacCallough.

No. 8762

Nov 29th

1901

THIS IS TO CERTIFY

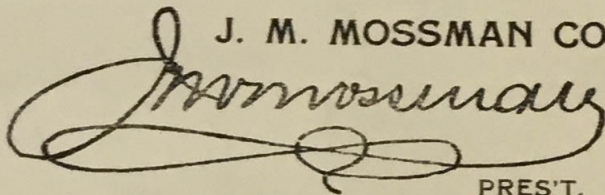
THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1254, belonging to the
United States Mint, of Denver, Colorado,
thereby complying with the requirements of the guarantee given by the makers of said Time
Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or
until visit or notice thereafter. This guarantee does not cover bolt work or other connections.
I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for
the inspection and cleaning of said Time Lock, No. 1254

For **DIEBOLD SAFE AND LOCK CO.**

Safe No.

Vault M.
Cashier

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. H. MacCullough

No. 8763

Dec 1st

1911

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1252, belonging to the
United States Mint, of Denver, Colorado.

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1252

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. 7

J. M. MOSSMAN CO.

J. M. Mossman

PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

H. H. MacCallough

No.

8764

Dec 1st

1901

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1251, belonging to the
United States Mint, of *Denver, Colorado*

thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1251

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. *E.*

J. M. MOSSMAN CO.

J. M. Mossman

PRES'T.

23 WARREN ST., NEW YORK.

NOT VALID UNLESS COUNTERSIGNED

BY

No. 8765

Dec 1st

1911

THIS IS TO CERTIFY

THAT I have this day cleaned, inspected and put in good order the **DIEBOLD**
Triple MOVEMENT TIME LOCK, No. 1275, belonging to the
United States Bank, of Denver, Colorado

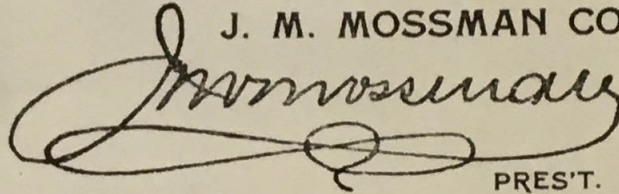
thereby complying with the requirements of the guarantee given by the makers of said Time Lock, and continuing said guarantee in full effect for **ONE YEAR** from the date hereof, or until visit or notice thereafter. This guarantee does not cover bolt work or other connections.

I also acknowledge the receipt from said Bank of **TEN DOLLARS**, in full payment for the inspection and cleaning of said Time Lock, No. 1275

For **DIEBOLD SAFE AND LOCK CO.**

Safe No. Storage

J. M. MOSSMAN CO.



PRES'T.

23 WARREN ST., NEW YORK.



TREASURY DEPARTMENT,

BUREAU OF THE MINT,

Washington, March 7, 1906.

Messrs. Frederick Bertuch & Co.,
Room 907, Temple Court Building,
New York, N. Y.

Gentlemen:

Your offer of the 6th instant to deliver the following porcelain and earthen ware at the U. S. Mint, Denver, Colorado, at the prices named, is accepted, the delivery to be made as early as practicable:

4 Jars porcelain, fig. O, 1240, each
108 liters capacity @ \$67.90----- \$271.60

8 porcelain tanks, fig. o, 1377 dimen-
sions 18"x13"x12" @ \$38.25----- 306.00

4 porcelain vessels, fig. O, 1779 with
sieveplate, ground in stopcock @ \$114.30 457.20

4 extra stop cocks for same @ \$6.40--- 25.60

Above goods to be manufactured by the
Royal Porcelain Factory of Berlin and
to be identical to the ware furnished
to the Denver Mint on previous order

3 vessels of brown glazed earthen ware
fig. 148, 33 gall. capacity each, with out-
let at bottom, ground in 3/4" cock, each
vessel further provided with sieve plate
2-3/4" from bottom @ \$20.50----- 61.50

3 extra stop cocks for the same @ \$2.50 7.50

1129.40

Prices to be understood delivered at the building of the Mint in Denver, Colorado;

Time of delivery:-

For the porcelain goods within 3-5 months.

For the earthen ware goods within 3-4 months after receipt of orders.

Respectfully,

(Signed) R. E. Preston

Acting Director of the Mint.

tion.
ver, Colorado, for his informa-
Superintendent, U. S. Mint, Den-
Respectfully referred to the
March 7, 1906.
Bureau of the Mint,
Treasury Department,

Treasury Department,
Bureau of the Mint,

March 7, 1906.

Respectfully referred to the
Superintendent, U. S. Mint, Den-
ver, Colorado, for his informa-
tion.

R. E. Preston
Acting Director of Mint.

(Signed) R. E. Preston

Acting Director of the Mint.

COPY OF PROPOSALS TO FURNISH COIN BAGS FOR FISCAL YEAR 1911.

(Place) 54 and 56 Franklin Street,

(Date) June 20, 1910.

The undersigned hereby agree to furnish coin bags of the qualities and makes below described, in such quantities as may be ordered by the Secretary of the Treasury, at the prices stated:

No. of Sample.	DESCRIPTION OF BAG.	FOR WHAT AMOUNT TO BE USED.	RATE PER BAG DESIGNED—	
			At points east of the Rocky Mountains.	At points west of the Rocky Mountains.
1	Bag to be 20½ inches long, 12 inches wide, to be of duck made from middling cotton, weighing not less than 8 ounces to the yard of 29 inches width, counting not less than 50 double threads to the inch in the warp and not less than 32 double threads to the inch in the filling, to be free from starch or sizing of any kind, and sewed with double row of stitching (lock-stitch) with No. 12 best four cord unbleached machine cotton thread, well stayed to prevent raveling.	\$1,000 silver	.0769	.0769
2	Bag to be 14 inches long, 6½ inches wide, and to be of same material and make as sample No. 1.	\$5,000 gold	.0317	.0317
3	Bag to be 16 inches long, 9½ inches wide, and to be of same material and make as sample No. 1.	\$500 silver	.0492	.0492
4	Bag to be 16 inches long, 9½ inches wide, and to be made of strong unbleached drill, sewed with double row of stitching (lock-stitch) and thread as provided for bag No. 1, well stayed to prevent raveling.	\$500 silver	.0338	.0338
5	Bag to be 14½ inches long, 6½ inches wide, to be made of strong, heavy, unbleached sheeting, and to be sewed with single row of stitching (lock-stitch) and thread as provided for bag No. 1, well stayed to prevent raveling.	\$200 silver	.0162	.0162
6	Bag to be 9½ inches long, 6 inches wide, and to be of same material and make as sample No. 5.	\$100 silver	.0109	.0109
7	Bag to be 8½ inches long, 3½ inches wide, and to be of same material and make as sample No. 5.	\$50 silver	.0069	.0069
8	Bag to be 17 inches long, 11½ inches wide, and to be of same material and make as sample No. 4.	\$200 nickel	.0397	.0397
9	Bag to be 8½ inches long, 2½ inches wide, and to be of same material and make as sample No. 5.	\$10 dimes, or \$5 nickel.	.005	.005

(Bidders should state Name and Address.)

J. Ross Collins,

54 and 56 Franklin Street,

New York City.

INSTRUCTIONS TO BIDDERS—COIN BAGS.

No bags are kept in the Stock of the Department, but they are ordered, from time to time, in quantities as required, upon requisition of public officers, and must be promptly delivered to any part of the United States, in the office for which they are ordered, free of expense to the Government for transportation or cartage. Bags delivered and found to be inferior to samples submitted will be returned to contractor at the expense of the latter for transportation.

As some of the bags will be sent to public officers on the Pacific coast two rates will be given—one for delivery at points east, and one at points west, of the Rocky Mountains.

The Department is unable to state the number of bags which will be required. During the fiscal year ended June 30, 19..... over hundred thousand were ordered in sizes as shown inside.

Envelopes containing proposals should be marked “Proposals for Coin Bags,” and addressed to the Secretary of the Treasury, accompanied by a sample bag of each size.

The bids will be considered and accepted or rejected item by item, and this proposal, so far as accepted by the Secretary of the Treasury, shall constitute the contract between the Government and the bidder, and no further contract will be executed.

Proposals will be received until June at 2 o'clock p. m.

The right is reserved to reject any or all bids, and to waive defects.

A certified check for \$400 will be required from the successful bidder as a guaranty of faithful performance of contract.

Secretary of the Treasury.

NUMBER OF COIN BAGS ORDERED DURING FISCAL YEAR _____

Size No. 1 _____

Size No. 2 _____

Size No. 3 _____

Size No. 4 _____

Size No. 5 _____

Size No. 6 _____

Size No. 7 _____

Size No. 8 _____

Size No. 9 _____



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON December 21, 1910.

Superintendent, U. S. Mint,
Denver, Colo.

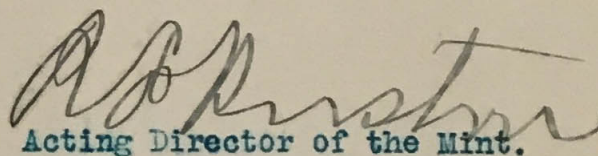
Sir:

In further reference to my letter of December 16th, advising you that colored bags would be used for the gold coinage made at your Mint during the calendar year 1911, I beg to state that the firm of J. Ross Collins has been notified to-day of the acceptance of their offer to supply these bags to you at \$0.0417 each, or 1 cent in excess of the contract price for white bags.

Mr. Collins states that in dyeing the material there will be a slight shrinkage of about $\frac{3}{4}$ of an inch in the length of the bags and that he will increase the width by $\frac{1}{2}$ an inch in consequence, and he has been advised that this is acceptable. If upon receipt of the bags there is any question about the size or the quality please advise me without delay. You should receive the first shipment of bags early in January and thereafter you are instructed to order them as required direct from the contractor at the price above named.

Respectfully,

K.


Acting Director of the Mint.

Winter 12/21/10

Price of above books
for 1911.

Government, U. S. Library,
New York, N. Y.

LIBRARY OF CONGRESS

WASHINGTON December 21, 1910.

In answer to your letter of December 14th,
stating that you had ordered the books
collected under the title of "The
I beg to state that the list of books
notified to-day of the appearance of their offer to supply
these books to you at \$5.00 each, or I want to express my
the contract price for white paper.

Mr. Collins states that in doing the editorial there
will be a slight shortage of about 3/4 of an inch in the
length of the paper and that he will ignore the width of
1/2 an inch in consequence, and he has been asked that this
is acceptable. It is possible that the paper is not

perfect about the size and shape of the paper and
delay. You will receive the first shipment of paper early in

January and thereafter you are instructed to order from the
direct from the contractor at the price above named.

Respectfully,

W. B. Ewing



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON January 3, 1911

Supplies, Denver Mint.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am in receipt of your letter of the 20th ultimo relative to coin bags on hand and referring to the order from the Bureau that two thousand of the tan colored bags for the gold coinage of 1911 be shipped your Mint as early as possible after January 1st, and note that you suggest having the present stock of white coin bags which you have purchased dyed in Denver. It was not decided to use a colored bag for the year 1911 until late in December and an order was placed with the Collins firm for all the mints to avoid delay.

No further order will be given for your Mint and you are authorized to have the present stock of gold coin bags on hand dyed as near the color of the new tan bag from the Collins people ^{as possible} whenever you think it necessary and in whatever manner appears to you most desirable and economical.

Respectfully,

Director of the Mint.

K-

Reuter

1/2/11

Continuity to these
Gainsdays.

M



OFFICE OF
DIRECTOR OF THE MINT
WASHINGTON, D. C.

TREASURY DEPARTMENT

WASHINGTON December 15, 1910

12/20/10

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

It has been decided to use colored bags for the calendar year 1911 for the gold coinage at our mints, and with this in view J. Ross Collins, 54 Franklin Street, New York, who has the Treasury contract for the fiscal year 1911 has been instructed to manufacture for the use of your Mint, two thousand No. 2 \$5,000 coin sacks, same to be shipped to your Mint at the regular price per bag (\$0.1317) with an additional cost per bag for dyeing which is now being agreed upon and concerning which you will be advised as soon as possible.

As soon as you decide upon the requirements for gold bags for 1911 coinage, orders should be sent direct to the above named firm, the first two thousand colored bags for 1911 having been ordered from this Bureau to expedite delivery. It is hoped that shipment will be made in time for you to receive the 2,000 bags the first week in January.

All gold coin of whatever denomination should be sacked in this tan coin bag for the calendar year 1911.

Respectfully,

Herbert C. Hunt

Director of the Mint,

K-



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON June 20, 1910.

Superintendent, U. S. Mint,

Denver, Colorado.

Sir:

Owing to the price for duck suitable for bags at the Mint in Philadelphia for 1911 it has been decided that if possible bags shall be purchased under the Treasury contract for 1911 (copy to be forwarded you as soon as received) and the bags dyed blue for the gold coinage of 1910 whenever necessary in the city using same.

As soon as the prices for coin bags are available you will be able to estimate whether this plan will work advantageously to the government.

Respectfully,

B. H. Butler
Acting Director of Mint.

K-

*Bureau written
7/21/10*

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT,

6/20 - 1910

Director of the Mint

SUBJECT:

Sold here for five
of 1911 to be purchased
under Treasury contract

Superintendent, U. S. Mint,
Denver, Colorado.

217:

Owing to the price for duck suitable for bags at
the Mint in Philadelphia for 1911 it has been decided that
it possible bags shall be purchased under the Treasury con-
tract for 1911 (copy to be forwarded you as soon as received)
and the bags dyed blue for the gold coinage of 1910 whenever
necessary in the city using same.
As soon as the prices for coin bags are available
you will be able to estimate whether this plan will work
advantageously to the Government.
Respectfully,

Acting Director of Mint.

284350.

No. of Inclosures



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON July 5, 1910.

Contracts. 1911.
Bags. Denver Mint.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am enclosing herewith copy of contract for furnishing coin bags for the fiscal year 1911 dated June 20th, 1910. If at any time the bags fail to give satisfaction will you please report that fact to this Bureau that it may be taken up with the Treasurer as that office and its branches are all supplied under this contract.

Respectfully,

A. C. Burstin
Acting Director of the Mint.
K-

291210.

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT,

July 5th, 1911

Director of the Mint.

SUBJECT:

*End copy of
Circular for
Coin Bags
Fiscal Year
1911.*

No. of Inclosures



INCLOSURES

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

February 1, 1910.

The Director of the Mint,
Treasury Department.

Sir:

Voucher issued 2/5/10

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the period from December 15 to 22, 1909, aggregating 52.969 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1910, show the following results:

Thermal value of the coal as received,.....12,430 B.T.U.
Percentage of ash in dry coal,11.10

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 12 per cent, but not equal to one whole percent less, no premium is allowable under the specifications.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $\frac{12,430 \times \$4.40}{13,000}$ or \$4.2071

The corrected price per ton of \$4.2071 multiplied by 52.969 gives \$222.85 as the amount to be paid for the coal delivered during the period mentioned above.

1145825


Bureau of the mint.
RFG. FFR 2 1910

COPIED

You are requested to promptly prepare a voucher in favor of the Company, in which you will state the whole number of tons and the decimal parts of a ton (52.969) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.2071, resulting in a deduction of \$10.21 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.

288341

Office of the mint.

REC. FEB 13 1910

COPIED

Feb. 1, 1910

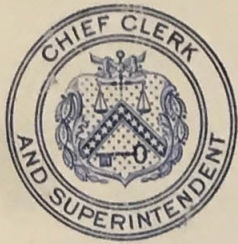
Chief Clerk,
Analytical coal
Denver, 1909.

=====

Treasury Department,
Bureau of the Mint,
February 2, 1910.

Respectfully referred to the
Superintendent, U.S.Mint, Denver, Colo.,
for his information and action.

A. B. Pringle
Acting Director of the Mint.



TREASURY DEPARTMENT

Inclosures.

OFFICE OF THE SECRETARY

WASHINGTON March 29, 1910.

Voucher #4/10 #.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of February, 1910, aggregating 120.308 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1910, show the following result:

Thermal value of the coal as received,... 12,380 B.T.U.
Percentage of ash in dry coal,.....13.50

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 14 per cent, no deduction on account of excess of ash over contract standard will be made under the specifications.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $\frac{12,380 \times \$4.40}{13,000}$ or \$4.1902.

The corrected price per ton of \$4.1902 multiplied by 120.308 gives \$504.11 as the amount to be paid for the coal delivered during the period mentioned above.

You are requested to promptly prepare a voucher in favor of the Company, in which you will state the whole number of tons and the decimal parts of a ton (120.308) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1902, resulting in a deduction of \$25.25 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.
m

290062

Bureau of the mint,
REC. MAR 30 1910

March 29, 1910

Chief Clerk,

Analyst's room

Denver

February, 1910.

Treasury Department,

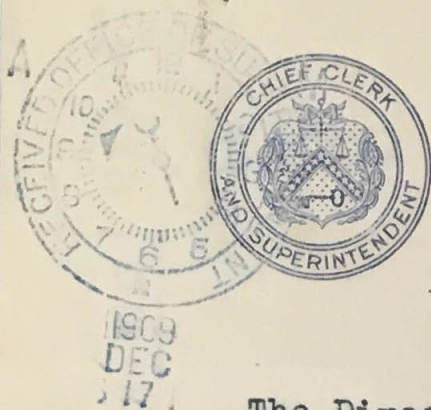
Bureau of the Mint,

March 31, 1910.

Respectfully referred to the
Superintendent, U. S. Mint, Denver,
Colorado, for his information and
action.

A. Pittenger
Director of the Mint

Chief Clerk.



TREASURY DEPARTMENT

D

OFFICE OF THE SECRETARY

WASHINGTON

December 15, 1909.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of October, 1909, aggregating 45.817 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colo., during the fiscal year ending June 30, 1910, show the following results:

Thermal value of the coal as received.....12,880
Percentage of ash in dry coal.....10.40

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash of 12, and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 12 per cent, a premium of 1 cent a ton will be allowed under the specifications.

The value per ton of the coal corrected for variation in British thermal units is therefore equal to $\frac{12,880 \times \$4.40}{13,000}$ or \$4.3594. To the corrected price per ton of \$4.3594 there should be added 1 cent, giving \$4.3694 as the price per ton to be paid for the coal, corrected for both variations in

286689

Bureau of the mint.
REC. DEC 18 1909

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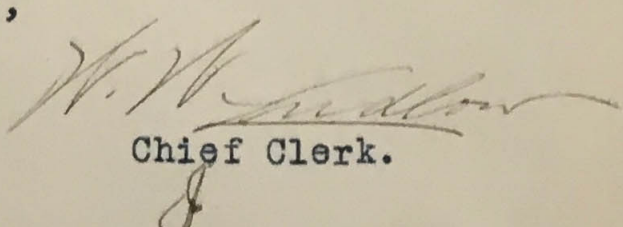
ash and thermal value.

The corrected price per ton of \$4.3694, multiplied by 45.817, the number of tons shown to have been delivered during the period in question gives \$200.19 as the amount to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (45.817), as shown by the coal card at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.3694 resulting in a total deduction of \$1.40, representing a deficiency in the heating value of the coal furnished during the month of October, 1909.

You are requested to attach one of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.

286689

of the mint.

REC. DEC 16 1909

COPIED

Dec. 15, 09

Chief Clerk
Analyst's room
Denver
N

Treasury Department,

Bureau of the Mint,

December 16, 1909.

Respectfully referred to the
Superintendent, U. S. Mint, Denver,
Colorado, for his information.

A. H. Anderson

Director of the Mint.



INCLOSURES

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

February 2, 1910.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from the deliveries made during the period from December 23 to 29, 1909, aggregating 91.823 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1910, show the following results:

Thermal value of the coal as received, ...12,220 B.T.U.
Percentage of ash in dry coal,11.80

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

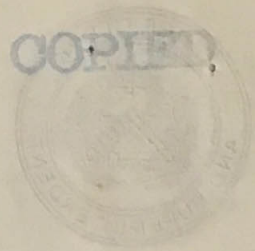
The percentage of ash in the dry coal of the analyzed sample being less than 12 per cent, but not equal to one whole percent less, no premium is allowable under the specifications.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to

$$\frac{12,220 \times \$4.40}{13,000} \text{ or } \$4.1360.$$

288345

Bureau of the mint.
REC. FEB 4 1910



TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

February 2, 1910.

The Director of the Mint,

Treasury Department.

Enclosed for the Director of the Mint are two copies of a report of the Secretary of the Treasury, dated January 25, 1910, and captioned "Report of the Secretary of the Treasury, dated January 25, 1910, on the subject of the proposed amendment to the Coinage Act of 1906, relating to the issue of gold coins of the denomination of one dollar." The report is herewith transmitted to you for your consideration and action.

The report is divided into two parts, the first of which contains a statement of the facts and circumstances leading to the proposed amendment, and the second part contains the recommendations of the Secretary.

The proposed amendment is to amend the Coinage Act of 1906, so as to provide for the issue of gold coins of the denomination of one dollar, in the form of a gold dollar coin, of the same design as the gold dollar coin now in issue, but of a different weight and fineness.

The report recommends that the proposed amendment be approved, and that the Secretary be authorized to issue the necessary orders for the production of the gold dollar coin.

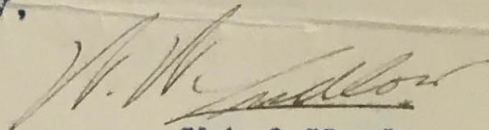
Very respectfully,
Secretary of the Treasury

The corrected price per ton of \$4.1360 multiplied by 91.823 gives \$379.78 as the amount to be paid for the coal delivered during the period mentioned above.

You are requested to promptly prepare a voucher in favor of the Company, in which you will state the whole number of tons and the decimal parts of a ton (91.823) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1360 resulting in a deduction of \$24.24 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.
m

288341

Bureau of the mint.
REC. FEB 4 1910

Feb. 7, 1910

Chief Clerk,
analytic coal
delivered Denver
Dec. 23-29-1909.

6.2

TREASURY DEPARTMENT.

Bureau of the Mint.

February 4, 1910.

Respectfully referred to
the Superintendent, U. S. Mint,
Denver, for his information and
action.

R. B. Martin
Acting Director of the Mint.



TREASURY DEPARTMENT D

OFFICE OF THE SECRETARY

WASHINGTON

December 16, 1909.

HHS
m*Voucher issued 12/21/09*

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of November, 1909, aggregating 158.991 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colo., during the fiscal year ending June 30, 1910, show the following results:

Thermal value of the coal as received.....12,240
Percentage of ash in dry coal..... 12.10

The contract was based upon a thermal value of the coal as received of 14,000³ British thermal units, a percentage of ash of 12, and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 14 per cent no deduction will be made under the specifications.

The value per ton of the coal corrected for variation in British thermal units is therefore equal to $\frac{12,240 \times \$4.40}{13,000}$ or \$4.1428.

The corrected price per ton of \$4.1428 multiplied by 158.991, the number of tons shown to have been delivered during the period in question gives \$658.67 as the amount



WASHINGTON
January 10, 1900

The Director of the Mint
Treasury Department

The first payment was made by the United States Mint on the 10th of January, 1900, in the amount of \$100,000,000, representing the gold and silver coins of the United States, under the terms of the contract made by the United States Mint, Denver, Colorado, during the fiscal year ending June 30, 1900, for the following:

Normal value of the gold as received.....\$100,000,000
Percentage of net in the gold.....10.10

The contract was made with a normal value of the gold as received at \$100,000,000, and a price per ounce of \$10.10, and a price per ounce of \$10.10.

The contract was made with a normal value of the gold as received at \$100,000,000, and a price per ounce of \$10.10, and a price per ounce of \$10.10.

The contract was made with a normal value of the gold as received at \$100,000,000, and a price per ounce of \$10.10, and a price per ounce of \$10.10.

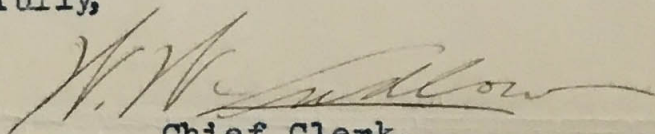
The contract was made with a normal value of the gold as received at \$100,000,000, and a price per ounce of \$10.10, and a price per ounce of \$10.10.

to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (158.991) as shown by the coal card at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1438 resulting in a total deduction of \$40.79, representing a deficiency in the heating value of the coal furnished during the month of November, 1909.

You are requested to attach one of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.

286704

Bureau of the mint.
REC. DEC 17 1909

COPIED

Chief Clerk

Analysis and test
Coal Burner
Mormon deliveries -

Treasury Department,

Bureau of the Mint,

December 17, 1909.

Respectfully referred to the
Superintendent, U.S. Mint, Denver,
for his information and action.

A. D. Anderson

Director of the Mint.



TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

February 23, 1910.

The Director of the Mint,

Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during January 25, 26, 27 and 28, 1910, aggregating 52.643 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ended June 30, 1910, show the following result:

Thermal value of the coal as received.....	12,010 B.T.U.
Percentage of ash in dry coal.....	15.60

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the analyzed sample being in excess of 14 per cent allowable under the specifications, a deduction of 4 cents per ton will be made in the price of the coal on account of the excess of ash.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $\frac{12,010 \times \$4.40}{13,000}$ or \$4.0649.

13,000

289075

COPIED

Bureau of the mint.
REC. FEB 23 1910

MINISTRY OF FINANCE

DEPARTMENT OF THE TREASURY

WASHINGTON

February 1, 1910.

The Director of the Mint.

Dear Sir:

I have the honor to acknowledge the receipt of your letter of the 28th inst.

in relation to the proposed issue of a new series of gold coins.

The Department has been advised by the Board of the Mint that the

proposed issue of a new series of gold coins is not feasible at this time.

The Board of the Mint has decided to postpone the issue of a new series of

gold coins until a later date, when the Mint may be able to issue a new

series of gold coins.

I am, Sir, very respectfully,
Your obedient servant,

Wm. H. Wood, Secretary of the Treasury.

Very truly yours,
Wm. H. Wood.

Enclosed for the Director of the Mint are two copies of the report of the

Board of the Mint on the proposed issue of a new series of gold coins.

I am, Sir, very respectfully,
Your obedient servant,
Wm. H. Wood.

Director of the Mint.--2.

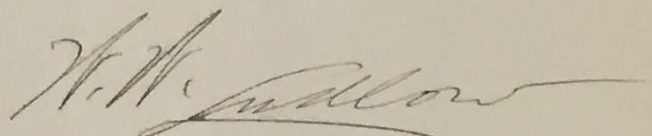
From \$4.0649 there should be deducted the amount of 4 cents, giving \$4.0249 as the value of the coal per ton corrected for the variation in both ash and thermal value.

The corrected price per ton of \$4.0249, multiplied by 52.643, the number of tons shown by the coal cards forwarded to the Department, gives \$211.88 as the amount to be paid for the coal delivered during the period mentioned above.

You are informed that a voucher in favor of the contractor should be promptly prepared, in which the whole number of tons and the decimal parts of a ton(52.643) should be given in accordance with the data contained in the coal cards, at the contract price of \$4.40 per ton, and on the face of the voucher there should be indicated the operation showing the method of computing the corrected price of \$4.0249 resulting in a total deduction of \$19.75, representing a deficiency in the heating value of the coal furnished during the period mentioned above.

One of the inclosed copies of the analysis and test of the sample made by the Geological Survey should be attached to the voucher when forwarded to the Department, and the other transmitted, together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.

289075

Bureau of the mint
REC. FEB 28 1910

Feb. 23, 10

Chief Clerk,

Analysed

Denver, Jan

25, 26, 27, 28, 1910

coal delivered.

COPIED

Treasury Department,

Bureau of the Mint,

February 23, 1910.

Respectfully referred to the
Superintendent, U. S. Mint, Denver,
Colorado, for his information and
action.

A. B. Prudden
Acting Director of the Mint.



INCLOSURE:

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

March 4, 1910.

*Voucher
received 3/9/10*

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made on January 18, 19, 20, 21, 22, 24, 1910, aggregating 181.741 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June, 30, 1910, show the following results:

Thermal value of the coal as received, ..12,330 B.T.U.
Percentage of ash in dry coal,13.80

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 14 per cent, no deduction on account of excess of ash over contract standard will be made under the specifications.

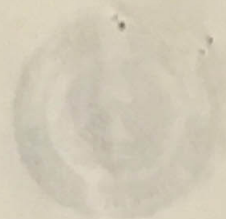
The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $\frac{12,330 \times \$4.40}{13,000}$ or \$4.1732.

The corrected price per ton of \$4.1732 multiplied by 181.741 gives \$758.44 as the amount to be paid for the coal delivered

289351

Bureau of the mint.
R.C. MAR 9 1916

COPY



The Director of the Mint,
Treasury Department.

SIR:

For the information of the Director of the Mint, and for the purpose of the investigation of the Treasury Department, the following information is being furnished to you by the Director of the Mint, under the terms of the act of January 18, 1910, approved March 10, 1910, which provides that the Director of the Mint shall furnish to the Director of the Treasury Department, upon request, all the information in his possession, or which he can obtain, in relation to the operations of the Mint, and to the persons and firms connected with the same.

The Director of the Mint has been requested to furnish to the Director of the Treasury Department, upon request, all the information in his possession, or which he can obtain, in relation to the operations of the Mint, and to the persons and firms connected with the same. The Director of the Mint has been requested to furnish to the Director of the Treasury Department, upon request, all the information in his possession, or which he can obtain, in relation to the operations of the Mint, and to the persons and firms connected with the same.

The Director of the Mint has been requested to furnish to the Director of the Treasury Department, upon request, all the information in his possession, or which he can obtain, in relation to the operations of the Mint, and to the persons and firms connected with the same. The Director of the Mint has been requested to furnish to the Director of the Treasury Department, upon request, all the information in his possession, or which he can obtain, in relation to the operations of the Mint, and to the persons and firms connected with the same.

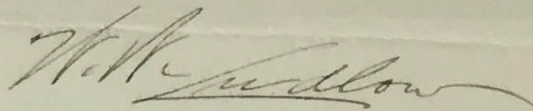
-2-

during the period mentioned above.

You are requested to promptly prepare a voucher in favor of the Company, in which you will state the whole number of tons and the decimal parts of a ton (181.741) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1732, resulting in a deduction of \$41.22 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.

289351

Bureau of the mint.
REC. MAR 9 1910

March 4, 1910.

Chief Clerk,
Anapolis coal
Denver, Arkansas

Jan. 18-24, 1910

Treasury Department,

Bureau of the Mint,

March 5, 1910.

Respectfully referred to the
Superintendent, U. S. Mint, Denver,
Colorado, for proper action.

A. Pitt Anderson

Director of the Mint.

289075



*Voucher
issued 2/24/10*

TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

WASHINGTON

Ma

m

February 21, 1910.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the period from January 4 to 17, 1910, aggregating 69,239 tons, by William E. Russell, under the terms of the contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ended June 30, 1910, show the following result:

Thermal value of the coal as received.....	12,020 B.T.U.
Percentage of ash in dry coal.....	14.70

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the analyzed sample being in excess of 14 per cent allowable under the specifications, a deduction of 2 cents per ton will be made in the price of coal on account of the excess of ash.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $\frac{12,020 \times \$4.40}{13,000}$
or \$4.0683.

Director of the Mint--2.


From \$4.0683, there should be deducted the amount of 2 cents, giving \$4.0483, as the value of the coal per ton corrected for the variation in both ash and thermal value.

The corrected price per ton of \$4.0483, multiplied by 69.239, the number of tons shown by the coal cards forwarded to the Department, gives \$280.30 as the amount to be paid for the coal delivered during the period mentioned above.

You are informed that a voucher in favor of the contractor should be promptly prepared, in which the whole number of tons and the decimal parts of a ton (69.239) should be given in accordance with the data contained in the coal cards, at the contract price of \$4.40 per ton, and on the face of the voucher there should be indicated the operation showing the method of computing the corrected price of \$4.0483, resulting in a total deduction of \$24.35 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

One of the inclosed copies of the analysis and test of the sample made by the Geological Survey should be attached to the voucher when forwarded to the Department, and the other transmitted, together with a copy of this communication, to the contractors for their information.

Respectfully,


Chief Clerk.
J

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From \$1.0000, there should be deducted the amount of
3 cents, giving \$0.9997, as the value of the coal and for
corrected for the variation in heat and coal value.
The corrected value per ton of \$0.9997, multiplied by

60,000, the number of tons shown by the coal meter, furnished
the corrected value, \$59.9820. The number of tons shown by the coal meter
the coal delivered during the period mentioned above.

It was further stated that a variation in heat of the coal
should be properly provided, in which the whole number of tons
and the decimal parts of a ton (\$0.9997) should be given in re-
sponse with the data contained in the coal meter, at the

contract price of \$4.40 per ton, and on the basis of the number
there should be indicated the correction showing the value of
correcting the corrected value of \$0.9997, resulting in a total
deduction of \$0.0003 representing a deficiency in the heat
value of the coal furnished during the period mentioned above.
Out of the total coal supplied to the mine, the rest of

the coal was sold to the local market at a price of \$4.40 per ton.
The value of the coal sold to the local market, and the value
of the coal sold to the mine, are given in the following table.
The value of the coal sold to the mine is given in the following table.

Respectfully,

289075



TREASURY DEPARTMENT

LJ

WASHINGTON May 28, 1910.

m

OFFICE OF
CHIEF CLERK AND SUPERINTENDENT
IN REPLYING QUOTE INITIALS

Inclosures.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of April, 1910, aggregating 187.993 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1910, show the following result:

Thermal value of the coal as received-----12,320
Percentage of ash in the dry coal-----13.70

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12, and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 14 per cent, no deduction in the price of the coal will be made under the specifications for the excess of ash over the contract standard.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to

12,320X\$4.40 or\$4.1698.

13,000

Voucher
issued 6/4/10

COPIED

291276

Bureau of the mint
R.F.C. MAY 31 1919



TREASURY DEPARTMENT

WASHINGTON May 28, 1919.

Inspector.

The Director of the Mint,
Treasury Department.

You are informed that an analysis and test of the
representative samples of bituminous coal taken from
the mines during the month of April, 1919, agree-
ing with 187.995 found by William E. Russell under the
terms of his contract to furnish coal to the Mine Build-
ing, Denver, Colorado, during the fiscal year ending
June 30, 1919, show the following result:

Thermal value of the coal as received 13,230
Percentage of ash in the dry coal 13.70
The contract was based upon a thermal value of the
coal as received of 13,000 British thermal units, a per-
centage of ash in the dry coal of 13, and a price per ton
of \$4.40.

The percentage of ash in the dry coal of the analysis
of sample being less than 14 per cent, no deduction in
the price of the coal will be made under the specifications
for the excess of ash over the contract standard.
The value per ton of the coal corrected for the vari-
ation in British thermal units is therefore equal to

13,230 x .40 or \$4.1952
13.70

Director of the Mint

The corrected price per ton of \$4.1698 multiplied by 187.993, the number of tons shown to have been delivered gives \$783.89 as the amount to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (187.993) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1698, resulting in a deduction of \$43.28 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication to the contractor for his information.

Respectfully,


Chief Clerk.

291226

Bureau of the mint
REC. MAY 21 1910

May 28, 1910

Chief Clerk,

Receipt of analysis
April coal deliveries
Denver

Treasury Department,
Bureau of the Mint,

June 1, 1910.

Respectfully referred to the Superintendent, U.S. Mint, Denver, Colorado, for proper action.

Acting Director of Mint

J. H. Dutton

24

number of tons and the decimal parts of a ton (187.993) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1898, resulting in a deduction of \$43.26 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication to the contractor for his information.

Respectfully,

CHIEF CLERK.



OFFICE OF
CHIEF CLERK AND SUPERINTENDENT
IN REPLYING QUOTE INITIALS

Inclosures.

TREASURY DEPARTMENT

LJ

WASHINGTON

July 11, 1910. m

The Director of the Mint,

Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the period from May 26, 1910, to include June 10, 1910, aggregating 196,500 tons, by William H. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colo., during the fiscal year ending June 30, 1910, show the following results:

Thermal value of the coal as received-----12,250
Percentage of ash in dry coal----- 14.40

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash of 12, and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being greater than 14 per cent, a deduction of 2 cents a ton will be made under the specifications.

The value per ton of the coal corrected for variation in British thermal units is therefore equal to

12,250X\$4.40

13,000 or \$4.1462.

Voucher issued 7/15/10 #7

Director of the Mint.

2

From the corrected price per ton of \$4.1462 there should be deducted 2 cents, giving \$4.1262 as the price per ton to be paid for the coal, corrected for both variations in ash and thermal value.

The corrected price per ton of \$4.1262, multiplied by 196.500, the number of tons shown to have been delivered during the period in question gives \$810.80 as the amount to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (196.500) as shown by the coal card at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.1262 resulting in a total deduction of \$53.80 representing a deficiency in the heating value of the coal furnished during the period in question.

You are requested to attach one of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,

J. M. Emery
Acting Chief Clerk.

293148

Bureau of the mint.
REC. JUL 12 1910

Chief Clerk

Local Analysis

Delivered

Denver June 24 1910

Treasury Department,
Bureau of the Mint,

July 12, 1910.

Respectfully referred to the Superintendent, U. S. Mint, Denver, Colorado, for proper action.

D. F. Dutcher
Acting Director of Mint.

Chief Clerk.



OFFICE OF
CHIEF CLERK AND SUPERINTENDENT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

LJ. *W*

WASHINGTON May 5, 1910.

Voucher issued May 12, 1910
Inclosures.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of March, 1910, aggregating 122.449 tons, by William E. Russell under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1910, show the following result:

Thermal value of the coal as received-----	12,580
Percentage of ash in the dry coal-----	11.70

The contract was based upon a thermal value of the coal as received of 13,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 12 per cent, but not equal to one whole per cent less, no premium is allowable under the specifications.

The value per ton of the coal corrected for the variation in British thermal units is therefore equal to $12,580 \times \$4.40$ or $\frac{12,580 \times \$4.40}{13,000}$ or \$4.2578.

The corrected price per ton of \$4.2578 multiplied by 122.449, the number of tons shown to have been delivered gives \$521.36 as the amount to be paid for the coal.

291276-

Bureau of the mint
REC. MAY 6 1916

TREASURY DEPARTMENT

WASHINGTON, May 6, 1916.

Enclosure.

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of March, 1916, aggregating 132,442 tons, by William F. Russell under the terms of his contract to furnish coal to the Mine Building, Denver, Colorado, during the fiscal year ending June 30, 1916, show the following results:

Thermal value of the coal as received	12,680
Percentage of ash in the dry coal	11.70

The contract was based upon a thermal value of the coal as received of 12,000 British thermal units, a percentage of ash in the dry coal of 12 and a price per ton of \$4.40.

The percentage of ash in the dry coal of the analyzed sample being less than 12 per cent, but not equal to one whole per cent less, no premium is allowable under the specifications. The value per ton of the coal corrected for the variation in British thermal units is therefore equal to \$4.40 or \$4.2576.

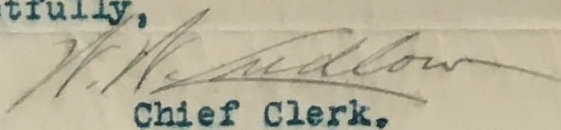
The corrected price per ton of \$4.2576 multiplied by 132,442, the number of tons shown to have been delivered gives \$561.36 as the amount to be paid for the coal.

Director of the Mint.

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (122.449) as shown by the coal card, at the contract price of \$4.40 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.2578, resulting in a deduction of \$17.42 representing a deficiency in the heating value of the coal furnished during the period mentioned above.

You are requested to attach one set of the inclosed copies of the analysis and test of the Geological Survey to the voucher when forwarded to the Department, and to transmit the other set together with a copy of this communication, to the contractor for his information.

Respectfully,


Chief Clerk.
m

291276

Bureau of the Mint
REC. MAY 6 1910

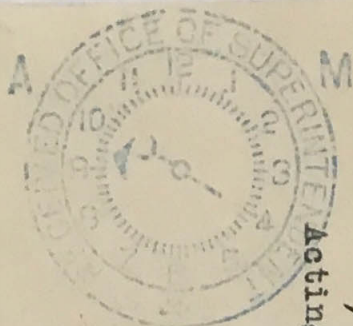
May 6, 1910
Chief Clerk,
Bureau of the Mint,
Washington,
April.

Treasury Department,
Bureau of the Mint,

May 7, 1910.

Respectfully referred to the Superintendent, U. S. Mint, Denver, Colo., for his information.

B. F. Dutcher
Acting Director of the Mint.



for his information.
together with a copy of this communication, to the contractor
when furnished to the Department, and to transmit the other set
of the analysis and test of the Geological Survey to the voucher
You are requested to attach one set of the inclosed copies
the period mentioned above.
a deficiency in the heating value of the coal furnished during
of \$4.2578, resulting in a deduction of \$17.43 representing
showing the method of computing the corrected price per ton
Tons of the voucher you will clearly indicate the operation

Respectfully,

Chief Clerk.



OFFICE OF
CHIEF CLERK AND SUPERINTENDENT

TREASURY DEPARTMENT

WASHINGTON September 22, 1910.

Inclosures.

*Voucher
issued 9/27/10.*

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of August, 1910, aggregating 86.871 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1911, show the following results:

Thermal value of the coal as received-----	12,120
Percentage of ash in the dry coal-----	5.25

The contract was based upon a thermal value of the coal as received of 12,320 British thermal units, a percentage of ash of 5 and a price per ton of \$4.35.

The percentage of ash in the dry coal of the analyzed sample being less than 7 per cent, no deduction will be made on account of the excess of ash over the contract standard under the specifications.

The value of the coal per ton corrected for variation in British thermal units is therefore equal to $12,120 \times \$4.35$ or \$4.2794.

Bureau of the mint.
REC. SEP 23 1910

12,320

(Director of the Mint)

The corrected price per ton of \$4.2794 multiplied by 86.871, the number of tons shown to have been delivered during the period in question gives \$371.76 as the amount to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the contractor in which you will state the whole number of tons and the decimal parts of a ton(86.871) as shown by the coal card at the contract price of \$4.35 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.2794 resulting in a deduction of \$6.13 representing a deficiency in the heating value of the coal furnished during the month of August, 1910.

You are requested to attach one of the inclosed copies of the analysis and test of the Bureau of Mines, to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,

James L. McNeill
Acting Chief Clerk.

Bureau of the mint. REC. SEP 23 1910

Treasury Department,
Bureau of the Mint,
September 23, 1910.
Respectfully referred to the
Superintendent, U.S. Mint, for his
information and action.

Director of the Mint.

W. C. Albrecht

86.671. The number of tons shown to have been delivered during the period in question given \$227.76 as the amount to be paid for the coal.

You are requested to properly prepare a voucher in favor of the contractor in which you will state the whole number of tons and the decimal parts of a ton (66.671) as shown by the coal sold at the contract price of \$4.35 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.3794 resulting in a deduction of \$6.18 representing a deficiency in the heating value of the coal furnished during the month of August, 1910.

You are requested to attach one of the inclosed copies of the analysis and test of the Bureau of Mines, to the voucher when forwarded to the Department, and to transmit the original, together with a copy of this communication, to the contractor for his information.

Respectfully,

Acting Chief Clerk.



OFFICE OF
CHIEF CLERK AND SUPERINTENDENT

TREASURY DEPARTMENT

LJ

m

Inclosures.

WASHINGTON September 6, 1910.

*Voucher entered
9/12/10*

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of July, 1910, aggregating 75.781 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colorado, during the fiscal year ending June 30, 1911, show the following results:

Thermal value of the coal as received-----	12,268
Percentage of ash in dry coal-----	4.91

The contract was based upon a thermal value of the coal as received of 12,320 British thermal units, a percentage of ash of 5 and a price per ton of \$4.35.

The percentage of ash in the dry coal of the analyzed sample being less than 5 per cent, but not equal to one whole per cent less, no premium will be allowed under the specifications.

The value of the coal per ton corrected for variation in British thermal units is therefore equal to 12,268X\$4.35
or \$4.3316.

243783
Bureau of the mint.
REC. SEP 6 1910

12,320

The corrected price per ton of \$4.3316 multiplied by

(Director of the Mint)

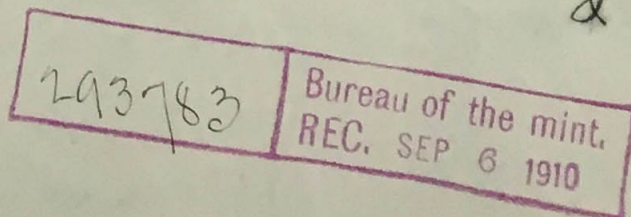
75.781, the number of tons shown to have been delivered during the period in question gives \$328.25 as the amount to be paid for the coal.

You are requested to promptly prepare a voucher in favor of the Contractor in which you will state the whole number of tons and the decimal parts of a ton(75.781) as shown by the coal card at the contract price of \$4.35 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.3316 resulting in a total deduction of \$1.40 representing the deficiency in the heating value of the coal furnished during the month of July, 1910.

You are requested to attach one of the inclosed copies of the analysis and test of the Bureau of Mines, Department of the Interior, to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,

W. M. Sullivan
Chief Clerk.



Treasury Department,

Bureau of the Mint,

September 7, 1910.

Respectfully referred to the Superintendent, U. S. Mint, Denver, 1901., for his information.

[Signature]
Acting Director of the Mint.

of the Government in which you will state the whole number of tons and the decimal parts of a ton (75.751) as shown by the coal card at the contract price of \$4.35 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.5116 resulting in a total deduction of \$1.40 representing the deficiency in the stated value of the coal furnished during the month of July, 1910.

You are requested to attach one of the inclosed copies of the analysis and cost of the Bureau of Mines, Department of the Interior, to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the contractor for his information.

Respectfully,

Chief Clerk.

457
L



Inclosure 4723.

TREASURY DEPARTMENT

WASHINGTON, November 4, 1910.

OFFICE OF
SUPERVISING ARCHITECT
IN REPLYING QUOTE
UPPER INITIAL, RIGHT-HAND CORNER

The Director of the Mint,
Treasury Department.

Sir:

You are informed that an analysis and test of the representative samples of bituminous coal taken from deliveries made during the month of September, 1910, aggregating 298.507 tons, by William E. Russell, under the terms of his contract to furnish coal to the Mint Building, Denver, Colo. during the fiscal year ending June 30, 1911, show the following results:

Thermal value of the coal as received 12,239
Percentage of ash in dry coal 4.92

The contract was based upon a thermal value of the coal as received of 12,320 British thermal units, a percentage of ash of 5 and a price per ton of \$4.35.

The percentage of ash in the dry coal of the analyzed sample being less than 5 per cent, but not equal to one whole per cent less, no premium will be allowed under the specifications.

The value of the coal per ton corrected for variation in British thermal units is therefore equal to $\frac{12,239 \times \$4.35}{12,320}$
= \$4.3213.

The corrected price per ton of \$4.3213 multiplied by 298.507, the number of tons shown to have been delivered during the period in question, gives \$1289.94 as the amount to be paid for the coal.

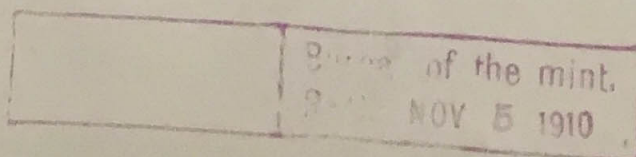
*Voucher issued
11/11/10. #7*

You are requested to promptly prepare a voucher in favor of the contractor, in which you will state the whole number of tons and the decimal parts of a ton (298.507) as shown by the coal card at the contract price of \$4.35 per ton, and on the face of the voucher you will clearly indicate the operation showing the method of computing the corrected price per ton of \$4.3213, resulting in a total deduction of \$8.57, representing a deficiency in the heating value of the coal furnished during the month of September, 1910.

You are requested to attach one of the inclosed copies of the analysis and test of the Bureau of Mines to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the Company for its information.

Respectfully,

W. H. Taylor
Supervising Architect.



U.S. Mint.
Treasury Department,
Bureau of the Mint,
November 7, 1910.
Respectfully referred to the Superintendent, U. S. Mint, Denver, Colo., for his information and proper action.

W. B. McLeister
Director of the Mint.

ing value of the coal furnished during the month of September, a total production of 38.57, representing a deficiency in the heat- of comparison the corrected price per ton of \$4.3213, resulting in vouchers will nearly indicate the operation showing the method at \$4.35 per ton, and on the face of the and, the cost of a ton (\$288.507) as shown by the coal card the cost of which you will state the whole number of tons to promptly prepare a voucher in favor of

1910.

tion. With a copy of this communication, to the Company for its information. You are requested to attach one of the inclosed copies of the analysis and test of the Bureau of Mines to the voucher when forwarded to the Department, and to transmit the other, together with a copy of this communication, to the Company for its information.

Respectfully,

Superintendent Architect.

Sept.

298.507 Long Ans Bituminous Coal
based upon a thermal value of 12,320
British Thermal Units and a percentage
of ash in dry coal of 5 at \$4.35 per
ton, = \$1298.50

Thermal value of coal as received 12,239
Percentage of ash in dry coal 4.92
Thermal value equals 12,239

Value per ton of the coal as
delivered corrected for variation
in British Thermal units -
equals $\frac{12,239 \times \$4.35}{12,320} = \4.3213

298.507 tons @ \$4.3213 = 1289.94

Less payment made on acct. 1168.63 ✓
Amount of voucher 121.31

DENVER, COLO., MINT (NEW).

H



Inclosure 5622.

TREASURY DEPARTMENT

WASHINGTON, December 5, 1910.

OFFICE OF
SUPERVISING ARCHITECT
IN REPLYING QUOTE
UPPER INITIAL, RIGHT-HAND CORNER

The Director of the Mint,
Treasury Department.

Sir:

There are inclosed herewith two copies of a report based upon analyses made by the Bureau of Mines, covering delivery of coal to the Mint building, Denver, Colorado, from which a settlement of the account has been arrived at, as shown below.

Contractor for fiscal year 1911, William E. Russell.
Period of delivery, October 1 to 31, 1910.
Kind of coal, Bituminous.

(Data which should appear verbatim in the voucher).

Number of tons, 135.435

Contract price per ton, \$4.35

Heating value in B.t.u. per lb. as received:

Contract standard, 12,320

Actual, 12,126

Price per ton corrected) $\frac{12,126 \times \$4.35}{12,320} = \4.2814
for variation in B.t.u.)

Ash:

Contract standard, 5 to 7 %

Actual, 6.19 %

Premium or deduction account of, None.

Price per ton corrected for

variations in both ash and B.t.u., \$4.2814

135.435 tons at \$4.2814, \$579.85

-----000-----

One copy of the report of the Bureau of Mines should be attached to the voucher when forwarded to the Department, and the other, together with the inclosed copy of this communication, should be transmitted to the contractor with the request that a voucher be rendered in compliance therewith.

Respectfully,

579.86
530.23
49.63

Supervising Architect.

To be copied &

returned to U. S. Mint

Treasury Department.

Bureau of the Mint,

December 8, 1910

Respectfully forwarded to the
Superintendent, U.S. Mint at Denver
for his information, and action.

A. D. Brodwin
Acty. Director of the Mint.
K-

December 8, 1910.

Contractor for fiscal year 1911, William E. Russell.
Period of delivery, October 1 to 31, 1910.
Kind of coal, Bituminous.

(Data which should appear verbatim in the voucher).

Number of tons, 135.435
Contract price per ton, \$4.35
Netting value in B.T.U. per lb. as received:
Contract standard, 12,320
Actual, 12,120
Price per ton corrected (12,120 x \$4.35 = \$4.2814)
for variation in B.T.U.) 12,320

Actual, 8 to 7
Contract standard, 6.19
Premium or deduction account of, None.
Price per ton corrected for
variation in both ash and B.T.U., \$4.2814
135.435 tons at \$4.2814, \$580.22

One copy of the report of the Bureau of Mines should be at-
tached to the voucher when forwarded to the Department, and the
other, together with the inclosed copy of this communication,
should be transmitted to the contractor with the request that a
voucher be rendered in compliance therewith.

Respectfully,

Supervising Architect.

DENVER, COLO. MINT.



W

OFFICE OF
SUPERVISING ARCHITECT
IN REPLYING QUOTE
UPPER INITIAL, RIGHT-HAND CORNER

TREASURY DEPARTMENT

Inclosure 723

WASHINGTON February 2, 1911.

The Director of the Mint,
Treasury Department.

Sir:

There are inclosed herewith two copies of a report based upon analyses made by the Bureau of Mines, covering delivery of coal to the Mint Building, Denver, Colo., from which a settlement of the account has been arrived at, as shown below:

Contractor for fiscal year 1911, W. E. Russell.
Period of Delivery December 1 to 31, 1910.
Kind of coal Bituminous.

(Data which must appear verbatim in the voucher).

Number of tons,	229.364	
Contract price per ton	\$4.35	
Heating value in B.t.u. per lb. as received:		
Contract standard	12,300	
Actual	12,111	4.2831
Price per ton corrected)	12,111 x \$4.35 =	\$4,2762
for variation in B.t.u.)	12,300	

Ash:

Contract standard	5 to 7 %	
Actual,	6.23%	
Premium deduction on account of,	none.	
Price per ton corrected for		4.2831
variations in both ash and B.t.u.	\$4.2762	\$9 82.38
229.364 tons at \$4.2762.....		\$980.61

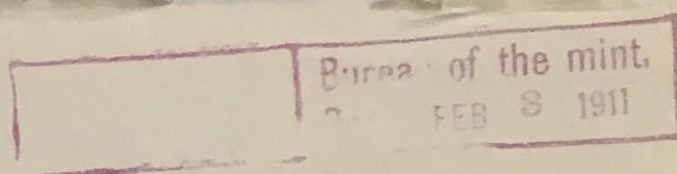
One copy of the report of the Bureau of Mines should be attached to the voucher when forwarded to the Department, and the other, together with the inclosed copy of this communication

Voucher
issued 2/7/11.

Assays
Coal
Bureau of the mint
REC. FEB 8 1911

Dir. Mint.

-2-



should be transmittted to the contractor with the request that a voucher be rendered in compliance therewith.

Respectfully,

W. Taylor
Supervising Architect.

Dir. Min.
Treasury Department,
Bureau of the Mint,
February 3, 1911.
Respectfully referred to the Superintendent, U. S. Mint, Denver, Colorado, for his information and action.

A. D. Brewster
Acting Director of the Mint.

Respectfully,

A. D. Brewster
Supervising Architect.

Submitted to the contractor with the request that a copy be retained in compliance therewith.

Boston and Montana
Consolidated Copper and Silver Mining Co.
Great Falls, Montana.

SWORN WEIGHER'S STATEMENT.

Copper Lot No.

Kind

In Car No.

Date

Weighed by

Sworn Weigher.

134 Ingots 2220
 250 " 4230
 250 " 4264
 242 " 4072
 250 " 4267
 250 " 4248
 250 " 4199
 250 " 4278
 250 " 4162
 250 " 4361
 250 " 4205
 245 " 4120
 83 " 1374

2954 ✓

50000 ✓

W. J. Case.

ANACONDA COPPER MINING CO.
 Boston and Montana
 Consolidated Copper and Silver Mining Co.
 Great Falls, Montana.

SWORN WEIGHER'S STATEMENT.

Copper Lot No.

Kind

In Car No.

Weighed by

Sworn Weigher.

Date

191

1

250	Ingot	4246
250	"	4323
194	"	3386
56	"	947
250	"	4316
250	"	4339
250	"	4273
250	"	4355
250	"	4199
250	"	4157
250	"	4291
250	"	4245
169		2923

2919 ✓

50000 ✓

W. J. Case.

RECEIVED FROM—		ARTICLES, BY WEIGHT OR MEASURE.		FOR WHAT DEPARTMENT.
<i>Loaders</i>	<i>Trucks</i>	<i>Ingrate</i>	<i>Total</i>	
1-	8	400 [#]	<i>Ingrate</i>	
2-	8 + 26	426		
3-	9	450		
4-	8 + 25	425		
5-	8 + 25	425	2126	2126
6-	8 + 24	424		
7-	8 + 4	404		
8-	8	400		
9-	8 + 25	425	1653	3779
2/25 10-	7 + 49	399		
11-	8	400		
12-	8 + 32	432		
13-	8 + 31	431		
14-	8 + 32	432	2094	
	112 + 273	5873	5873	
			RHB	

Loads Feb. 24-11 *Copper* by Wicker Trans. Co.

1	6770
2	7240
3	7735
4	7230
5	7160
6	7170
7	6865
8	6835
9	7245

64250

Feb. 25-11

10	6770
11	6885
12	7455
13	7430
14	7345
	<u>35885</u>

64250
35885
27100135
50-135

United Metals Selling Company.

42 BROADWAY.

CABLE ADDRESS "LOHENGRIN"

P. O. BOX 1247.

NEW YORK,

Feb. 20, 1911

IN REPLYING PLEASE REFER TO NO.

Mr. Frank M. Downer,
Superintendent of the Mint,
Denver, Colo.

Dear Sir:

Enclosed herewith we hand you invoices Nos: B1325
and B1326 each for \$6375. As we understand you require
receipted invoices before you can make payment, we have done
the necessary as formerly.

Kindly remit on receipt of material, and oblige,

Yours truly,

UNITED METALS SELLING CO.

OB/MM

Enclo.

Assistant Managers
ASSISTANT MANAGERS.

United Metals Selling Company

42 BROADWAY

NEW YORK

WESTERN SHIPMENT.

Invoice No.

B-1336

Upon arrival of car, SEALS SHOULD BE CAREFULLY INSPECTED and RECORD TAKEN.

Any discrepancies in the number of pieces should be reported to this office IMMEDIATELY, so that an investigation can be started without delay.

From

Bel Eagle Mount

Date Shipped

2/16/11

Original Car

63214 DRG

Pcs. Shipped

2919 Lg

Arrival

"

"

Received

Seal Record on
Arrival Car

} _____

"

Short

Consignee

United States Mount

No claim for shortage will be allowed, unless presented within three days after arrival.
This is intended to be filled out by your Receiving Department.

United Metals Selling Company

42 BROADWAY

NEW YORK

WESTERN SHIPMENT.

Invoice No.

B-325

Upon arrival of car, SEALS SHOULD BE CAREFULLY INSPECTED and RECORD TAKEN.

Any discrepancies in the number of pieces should be reported to this office IMMEDIATELY, so that an investigation can be started without delay.

From

B. Eagle Mount

Date Shipped

5/16/11

Original Car

14410 GM

Pcs. Shipped

2957 Eng.

Arrival

"

"

Received

Seal Record on

Arrival Car

} _____

"

Short

Consignee

United States Mount

No claim for shortage will be allowed, unless presented within three days after arrival.
This is intended to be filled out by your Receiving Department.

United Metals Selling Company.

42 BROADWAY.

FREIGHT DEPARTMENT.

NEW YORK, February 20. 1911.

IN REPLYING PLEASE REFER TO NO.

Mr. F.N.Downer, Supt.,
U.S.Mint,
Denver, Colo.

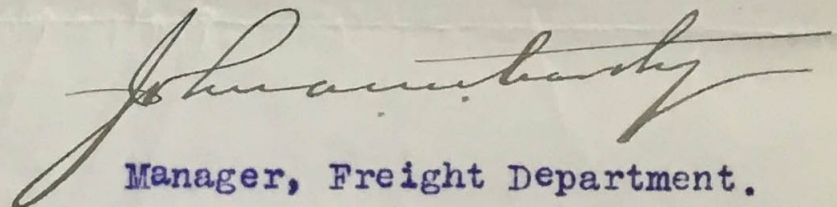
Dear Sir:

Referring to your favor of the 10th.inst. wherein you favored us with acceptance of our bid for 100,000 lbs. of Ingot Copper, please be advised that this material was shipped from Black Eagle, Montana, on February 16th. in cars G.N.14410 and D.R.G. 63214 consigned to the U.S.Mint, Denver, Colo.

We have been in communication with the Weicker Transfer & Storage Co. and arranged with them to cart this copper from the railroad terminal to wherever you may direct.

We trust this arrangement will be satisfactory, and remain,

Yours very truly,



Manager, Freight Department.

JAM/ N1.

United States Army

Wash. D.C.

Feb. 20/11

Copies for
Produce Company

Freight Selling Company
100 BROADWAY

NEW YORK, February 20, 1911.

Dear Sir:

Referring to your favor of the 10th inst. wherein

You favored us with acceptance of our bid for 100,000 lbs. of
Ingot Copper, please be advised that this material was shipped
from Black Eagle, Montana, on February 16th. in cars G.H.14410
and D.R.G. 63214 consigned to the U.S. Mint, Denver, Colo.

We have been in communication with the Weicker
Transfer & Storage Co. and arranged with them to cart this
copper from the railroad terminal to wherever you may direct.
We trust this arrangement will be satisfactory, and

remain,

Yours very truly,

Manager, Freight Department.

JAM/WT.



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON August 15, 1911.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

The \$10 per thousand rate for Porter Safety Seals is the best we can get for this year, but I understand that your bills are charged at the rate of \$10.50. I do not remember whether we have an agreement with that Company for that rate for the seals delivered at your Mint. I have inquired of the rate board and find that they can ship these seals to you at the rate of 24 cents per thousand and if you use enough of them it might be worth while to have them ordered f.o.b. Chicago and ship through the Quartermaster's Department to your Mint. The weight of the seals packed is 30 pounds to the thousand and the rate from Chicago to Denver on the seals is \$0.797 per hundred pounds.

Respectfully,

M. V. Keely
Acting Director of the Mint.

*Porter Safety Seal Co.
1110 W. Lake St.
Chicago, Ill.*

Director

Sept. 10/11

Price of Bonds
Sept. 10/11

Superintendent, U. S. Mint,
Denver, Colorado.

TREASURY DEPARTMENT

WASHINGTON August 15, 1911.

is the best we can get for this year, but I understand
that your bills are charged at the rate of \$10.50. I
do not remember whether we have an agreement with that
company for that rate for the seals delivered at your
Mint. I have inquired of the rate board and find that
they can ship these seals to you at the rate of 24 cents
per thousand and if you use enough of them it might be
worth while to have them ordered f.o.b. Chicago and ship
through the Quartermaster's Department to your Mint.
The weight of the seals is 30 pounds to the thousand

per hundred pounds.

Respectfully,

W. H. ...
Acting Director of the Mint.

Aug 28 - '11.

In reply to letter of Jonathan
Brantley, Knoxville Geo. Aug 23^d:-

The Ring is 3" high and
12" outside diameter 1" thick

The Lid 12" outside diameter
to fit above Ring - that is
to cover it.

Would suggest that
accompanying sample of
dipping cups be forwarded
as there was trouble in
getting these cups of the
proper size & shape before

J. H.

JOANTHAN BARTLEY CRUCIBLE COMPANY

Trenton, N. J.

August 21, 1911.

Treasury Department,
Washington, D. C.

Gentlemen:

We are in receipt of your acceptance of our bid of Aug. 11th for your requirements to be furnished to the Mint at Denver for which please accept our thanks.

We will commence working on this immediately and put them thru with all possible haste consistent with safety and advise you before making shipment as per the instructions in your letter. We will also increase this order 15% in order to make up the full carload weight.

While writing we would like to ask you to furnish us with the dimensions of your No. 100 crucible cover as we never made any crucibles of this size for the Philadelphia Mint. We also interpret the rings for the No. 80 Mint Special as meaning 2" in height. Please let us know if we are correct in this.

* * * * *

Again thanking you for the order and assuring you that we will give the same our prompt and very best attention, we are,

Very truly yours,

Jonathan Bartley Crucible Co.

LEWIS LAWTON, PRESIDENT
JOSEPH CROSSLEY, VICE PRESIDENT

JONATHAN BARTLEY, GENERAL MANAGER

A M MADDOCK, TREASURER
LEWIS H. LAWTON, SECRETARY

JONATHAN BARTLEY CRUCIBLE COMPANY

MANUFACTURERS OF

CRUCIBLES
RETORTS
STOPPERS
NOZZLES



BRAZING
SPECIALS
STIRRERS
COLOR BOWLS

BELL PHONE -2484

OFFICE AND FACTORY OXFORD ST.

PARTICULAR ATTENTION GIVEN
TO ALL SPECIALTIES

QUOTATIONS MADE FROM
SKETCH OR BLUE PRINT

Trenton, N.J. Aug. 23, 1911.

Supt. of the Mint,
Denver, Colo.

Dear Sir:-

We are in receipt of a letter from the Treasury Dept. at Washington, D. C. saying that you would forward us the information regarding the dimensions of the #100 crucible cover, also the ring for the #80 Mint Special crucible.

We would also like you to give us the dimensions of the #4 Dipping Cup as a cup of this kind was never supplied to the Mint at Philadelphia. Consequently we are without a B/P of this article,

Thanking you for your immediate attention, we are,

Very truly yours,

JONATHAN BARTLEY CRUCIBLE CO.

LHL/cms.

Lewis H. Lawton Sec'y.



TREASURY DEPARTMENT

WASHINGTON August 22, 1911.

The Jonathan Bartley Crucible Co.
Trenton, N. J.

Gentlemen:

I have your letter of August 11th submitting bids on the following articles; prices quoted f.o.b. Trenton; No. 80 crucibles to be according to the blue print furnished you; all other articles to be first class and similar to those furnished the Philadelphia Mint when contract was awarded to you for that institution; the shipment of above articles to be under the jurisdiction of the Quartermaster U. S. A., New York, N. Y.; no drayage charge to apply for the delivery on board cars at Trenton; you to be held responsible for the perfect condition of the articles when delivered at Denver as per request for quotation dated July 18, 1911:-

Crucibles -----	No. 80 -----	350	\$2.60 each
" -----	" 30 -----	50	1.05 "
" -----	" 20 -----	300	.70 "
" -----	" 14 -----	300	.56 "
Covers, No. 80 crucibles -----		80	.65 "
" " 100 " -----		50	.80 "
Gold Stirrers, Round Mint Special -----		125	.90 "
Stirrers, 8" -----		500	.20 "
Dipping Cups No. 3 - 31.5 Troy ozs. -----		200	.30 "
" " " 4 - 35 " -----		100	.38 "
Rings for No. 80 M.S. Crucibles 2" -----		250	.40 "

Taking into consideration the weight of each article this order will not make a carload lot and I have to request that you will increase each order 15 percent over the number specified until the weight of a complete carload is reached. When these goods are delivered on the cars please forward to this Bureau the account for the same on enclosed form of voucher which will be checked here and transmitted to Denver and the Superintendent of the Mint in that City will be requested to forward check to you when the goods have been delivered and accepted by him. Please acknowledge the receipt of this order as early as possible and advise this Bureau when shipment will be made in order that we may notify the Superintendent of the Mint at Denver.

Respectfully,

M. V. Kelly
Acting Director of the Mint.



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

304727

TREASURY DEPARTMENT

WASHINGTON August 22, 1911.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am enclosing herewith a copy of the letter of the Bureau accepting the proposal of the Jonathan Bartley Crucible Company, and also a copy of letter from that firm acknowledging the acceptance and requesting to be advised as to the No. 100 covers and the No. 80 special rings. Will you please reply to the Bartley Company directly. They have been advised that their letter has been referred to you for the information they desire.

Respectfully,

M. V. Kelley
Acting Director of the Mint.

Receipt

Aug. 22/11

Bartholomew
Jill Griffith
Ruth Oliver

Washington, D. C. Mint,
Denver, Colorado.

I am enclosing herewith a copy of the letter of

the Bureau accepting the proposal of the Johnston

Bartholomew Company, and also a copy of letter

from that firm acknowledging the acceptance and

requesting to be advised as to the No. 100 covers

and the No. 80 special rings. Will you please re-

ply to the Bartholomew Company directly. They have been

advised that their letter has been referred to you

for the information they desire.

Respectfully,

Acting Director of the Mint.

TREASURY DEPARTMENT

WASHINGTON August 22, 1911.

Enclosed for the information
of the Superintendent of the Mint at Denver.

August 24, 1911.

J. H. Decker Son & Co.,
29 North Market Street,
Johnstown, Pa.

Gentlemen:

I beg to acknowledge the receipt of your letter of the 22nd instant proposing to furnish light weight buck gloves like sample submitted to you to the U. S. Mint at Denver, Colorado, at the rate of \$10.50 per dozen pairs. Your offer is accepted and you are requested to forward the following sizes by Express on enclosed B/L to the Superintendent, U. S. Mint, Denver, Colorado. Please render account on enclosed form:

8 dozen pair light weight buck gloves, size 8 $\frac{1}{2}$.
5 " " " " " " " " 9.

Respectfully,

M. V. Kelly

Acting Director of the Mint.

Enclosures:
Voucher.
B/L.

October 20

Enclosed for the information
of the Superintendent of the Mint at Denver

10.50 muffs. in

Johnstown, Pa.
North Market Street,
Booker T. & Co.

August 24, 1911.

I beg to acknowledge the receipt of your letter
of the 22nd instant proposing to furnish light weight
black gloves like sample submitted to you by the U. S.
Mint at Denver, Colorado, at the rate of \$10.50 per
dozen pairs. Your offer is accepted and you are re-
quested to forward the following sizes by Express on
enclosed B/L to the Superintendent, U. S. Mint, Denver,
Colorado. Please render account on enclosed form:

8	"	"	"	"	"	8 dozen pair light weight black gloves, size 8.
7	"	"	"	"	"	" " " " " "
6	"	"	"	"	"	" " " " " "
5	"	"	"	"	"	" " " " " "

Respectfully,

M. V. Kelly

Acting Director of the Mint.

B/L
Voucher.
Emolument:



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON

Sept. 6, 1911

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

Your letter of August 28th to the Chief Clerk has been referred here and I am enclosing herewith schedule of electric lamps under the contract for 1912 with the General Electric Company.

These lamps can be ordered through the Bureau or direct from the General Electric Co. if you prefer. The prices quoted are agreed rates for all government departments.

Respectfully,

M. V. Healy
Acting Director of the Mint.

(Enclosure)

Received Sept 6/11

Contract 1912

for
Cables with

Paul. E. Lee. G.

THE VESSEL DEPARTMENT

Sept 6, 1911

Department, U. S. Navy,

Naval, Dept. No.

Sir,

Your letter of August 28th to the Chief Clerk has been
received here and I am enclosing herewith schedule of
this lamp under the contract for this with the General Elec-
tric Company.

These lamps are to be ordered through the Bureau of Naval
Stores from the General Electric Co., 45 New York. The prices
quoted are subject to change for all Government departments.

Respectfully,

Very truly yours,
John D. Johnston, Chief Clerk.

(Enclosure)

Condensed Schedule of Lamps Most Commonly Ordered and Covered by the General Supply Committee Contract for Fiscal Year Ending June 30, 1912.

GENERAL ELECTRIC COMPANY, HARRISON, N. J.

Use This Side for Standard Package Quantities.

For All Other Lamps Consult Data Sheets and Apply Discounts Quoted.

CLASS OF LAMPS.		STANDARD PACKAGE QUANTITY.	DELIVERY TO ANY POINT ON OR EAST OF THE MISSISSIPPI RIVER, TO ALL POINTS IN THE STATE OF MINNESOTA, IOWA AND MISSOURI, AND TO ALL POINTS ON THE MISSOURI RIVER SOUTH OF SIOUX CITY, IOWA.		FOR DELIVERY TO ANY POINT IN THE STATE OF ARKANSAS OR LOUISIANA.		FOR DELIVERY TO ANY POINT IN THE STATE OF KANSAS, NEBRASKA, NORTH DAKOTA OR SOUTH DAKOTA.		FOR DELIVERY TO ANY POINT IN THE STATE OF OKLAHOMA OR TEXAS.		FOR DELIVERY TO ANY POINT IN THE STATE OF CALIFORNIA, COLORADO, MONTANA, NEW MEXICO, OREGON, WASHINGTON OR WYOMING.		FOR DELIVERY TO ANY POINT IN THE STATE OF ARIZONA, IDAHO, NEVADA OR UTAH.	
			Clear.	Bowl or full frosted.	Clear.	Bowl or full frosted.	Clear.	Bowl or full frosted.	Clear.	Bowl or full frosted.	Clear.	Bowl or full frosted.	Clear.	Bowl or full frosted.
			100-130 VOLT LAMPS.											
Standard Carbon Filament Lamps.		200	\$1292	\$14535	\$1306	\$14675	\$1315	\$14705	\$1317	\$14785	\$1342	\$15035	\$1374	\$15355
C 1. 20, 25, 30, 50, 60 watts..... each		100	.1938	.21318	.1952	.21458	.1961	.21548	.1963	.21568	.1988	.21818	.202	.22138
C 2. 100, 120 watts..... each		200-275 VOLT LAMPS.												
Standard Carbon Filament Lamps.		200	.14212	.15827	.14352	.15967	.14442	.16057	.14462	.16077	.14712	.16327	.15032	.16647
C 3. 35, 60 watts..... each		100	.2584	.27778	.2598	.27918	.2607	.28008	.2609	.28028	.2634	.28278	.2666	.28598
C 4. 120 watts..... each														

GEM.

SCHEDULE G—METALLIZED CARBON FILAMENT LAMPS.

GEM.

Metallized Carbon Filament Lamps.													
G 1. 40, 50, 60 watts..... each	200	.1428	.1598	.1442	.1612	.1451	.1621	.1453	.1623	.1478	.1648	.151	.168
G 2. 80, 100 watts..... each	100	.238	.2584	.2394	.2598	.2403	.2607	.2405	.2609	.243	.2634	.2462	.2666

SCHEDULE T_a—TANTALUM LAMPS.

Tantalum Filament Lamps.													
Ta 1. 25, 40, 50 watts..... each	100	.2907	.30523	.2929	.30743	.2943	.30883	.295	.30953	.2993	.31983	.3086	.31813
Ta 2. 80 watts..... each	50	.49419	.51163	.49919	.51663	.50249	.51993	.50419	.52163	.51419	.53163	.52419	.54163
Tantalum Filament Lamps.													
Ta 3. 50 watts..... each	50	.5814	.61047	.5867	.61577	.5902	.61927	.5919	.62097	.6024	.63147	.6129	.64197
Ta 4. 80 watts..... each	24	.72675	.75582	.73925	.76832	.74675	.77582	.74675	.77582	.76675	.79582	.80175	.83082

MAZDA.

SCHEDULE T—TUNGSTEN LAMPS.

MAZDA.

Tungsten Filament Lamps.													
T 1. 25 watts..... each	100	.37791	.40698	.38171	.41078	.38411	.41318	.38541	.41448	.39291	.42198	.40041	.42948
T 2. 40 watts (unmarked base)..... each	100	.40698	.43605	.40178	.43085	.41318	.44225	.41448	.44355	.42198	.45105	.42948	.45855
T 3. 60 watts..... each	50	.5814	.62209	.5889	.62959	.5939	.63459	.5964	.63709	.6114	.65209	.6264	.66709
T 4. 100 watts..... each	24	.78489	.84303	.79589	.85403	.80329	.86143	.80689	.86503	.82889	.88703	.85099	.90913
T 5. 150 watts..... each	24	1.1628	1.25001	1.1762	1.26345	1.1855	1.27271	1.1901	1.27781	1.2174	1.30461	1.2446	1.33181
T 6. 250 watts..... each	12	1.5985	1.71513	1.62045	1.73675	1.63455	1.75083	1.64165	1.75793	1.68445	1.80073	1.72735	1.84363
T 7. 400 watts (round bulb)..... each	8	2.5985	3.08142	2.9538	3.43675	2.983	3.45942	3.0088	3.47522	3.0945	3.58893	3.188	3.69242
T 8. 500 watts (round bulb)..... each	8	3.1977	3.40119	3.2445	3.44709	3.2757	3.47919	3.2915	3.49499	3.3852	3.58893	3.4787	3.68219
T 9. 40 watts (round bulb type)..... each	24	.72675	.75582	.73925	.76832	.74675	.77582	.74675	.77582	.76675	.79582	.78675	.81582
T 10. 60 watts (round bulb type)..... each	24	.8721	.90119	.8821	.91125	.8888	.91793	.8921	.92103	.9121	.94119	.9321	.96125
Tungsten Filament Lamps.													
T 11. 45 watts..... each	50	.78489	.81396	.79059	.81966	.79439	.82346	.79629	.82536	.80759	.83666	.81899	.84806
T 12. 60 watts..... each	24	.9721	.99204	.9796	.99974	.9846	.99474	.9871	.99724	.99021	.99024	.99171	.99274
T 13. 100 watts..... each	24	1.1028	1.25001	1.1738	1.32091	1.1812	1.32841	1.1848	1.33591	1.2068	1.35341	1.2289	1.36091
T 14. 150 watts..... each	24	1.68006	1.80234	1.6946	1.81574	1.70876	1.82904	1.71396	1.82904	1.74066	1.85094	1.76786	1.88414
T 15. 250 watts..... each	12	2.3256	2.47095	2.3472	2.49255	2.3619	2.50665	2.3684	2.51375	2.4119	2.55555	2.4541	2.59595
T 16. 45 watts (round bulb type)..... each	24	1.10466	1.10466	1.11466	1.11466	1.12136	1.12136	1.12466	1.12466	1.14466	1.14466	1.16466	1.16466
T 17. 60 watts (round bulb type)..... each	24	1.30816	1.30816	1.31816	1.31816	1.32485	1.32485	1.32815	1.32815	1.34815	1.34815	1.36815	1.36815
T 18. 500 watts (round bulb type)..... each	8	4.3605	4.3605	4.4073	4.4073	4.4385	4.4385	4.4543	4.4543	4.48086	4.48086	4.5115	4.5115
Tungsten Filament Street Series Lamps.													
T 19. 32, 60 c. p. each	50	.72675	.76744	.73515	.77584	.74005	.78134	.74175	.78244	.75675	.79744	.77675	.81744
T 20. 100 c. p. each	24	.90117	.95031	.91457	.97271	.92367	.98201	.92847	.98681	.95777	1.01691	.98297	1.04111
T 21. 200 c. p. each	12	1.7442	1.86048	1.7698	1.88208	1.7799	1.89618	1.787	1.90328	1.8208	1.94008	1.8277	1.95808
T 22. 350 c. p. each	8	2.907	3.08142	2.9538	3.12822	2.985	3.15942	3.0008	3.17522	3.0945	3.26892	3.188	3.36242

4 AMPERE RANGE (3.8-4.3 AMPERES)



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON June 30, 1911.

305022.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am enclosing herewith duplicate of contract with the
DENVER GAS AND ELECTRIC CO. FOR furnishing power and light to
the Mint at Denver at the rate of one and eight-tenths cents
per K.W. for one year from July 1, 1911 to July 1, 1912, ^{original} duly
approved and filed with the Auditor for the Treasury.

Respectfully,

Director of the Mint.

K

Reinforce

6/20

July (closed)

Willard

in the

Almond Park

See Co.

Monthly. 1912

Grand total
June 8, 1911

THIS MEMORANDUM OF AGREEMENT, Made this 8th day of June, A.D. 1911, by and between THE DENVER GAS & ELECTRIC COMPANY, a corporation organized, existing and doing business under and by virtue of the laws of the State of Colorado, with principal office at Denver, Colorado, party of the first part; and THE UNITED STATES OF AMERICA, by Frank M. Downer, Superintendent of the United States Mint, located at Denver, Colorado, party of the second part, WITNESSETH:-

1. That the party of the first part for and in consideration of the covenants and agreements hereinafter mentioned to be kept and performed by the party of the second part hereby agrees to furnish to the party of the second part during the continuance of this contract all electric energy which may be needed for lighting and power purposes for the building known as The United States Mint Building, situate on West Colfax, between Cherokee and Delaware Streets, City and County of Denver, State of Colorado.

2. The said party of the first part agrees to furnish alternating current at 108 and 216 volts, 60 cycles, for lighting purposes, and 220 and 440 volts direct current for power purposes, in such quantity and at such times as the same may be needed in the operation of said building and the business there conducted.

3. The said party of the second part agrees to accept and said party of the first part agrees to deliver all electric energy at a point in the alley outside of said building, situate as aforesaid, said point being known as the service wire outlet for said building.

4. Said party of the second part covenants and agrees with the said party of the first part that the party of the first part, its agents and employees shall have access to the meters to be installed in said building for the purpose of measuring the current consumed therein, such inspection, however, to be made only at such times as may be

allowed under the rules and regulations of said building and under the direction of the Superintendent of said Mint. And in the event that it should be discovered that the meters of party of the first part are out of order or defective, then and in such event the party of the first part will install other meters to take the place of those meters found to be defective or out of order.

5. In the event of the destruction of said building, either partial or total, by fire or other casualty, the payments herein reserved to be made by party of the second part to party of the first part shall be rebated, unless said building is repaired or rebuilt, but nothing herein contained shall be construed as binding upon party of the second part to rebuild said building in the event of such destruction.

6. The party of the second part agrees to pay to the party of the first part for the services to be rendered hereunder by it eighteen mills (.018) per kilowatt hour for all current used for lighting and power purposes hereunder as measured by the meters to be installed by party of the first part. The amount due for current consumed shall be due and payable by party of the second part to party of the first part on or before the 10th day of the month succeeding that in which such current is consumed.

7. It is hereby covenanted and agreed that this agreement shall be for the period of one year, beginning July 1st, 1911, and shall expire on the 30th day of June, 1912.

WITNESS the party of the first part by its Vice-President, with the seal of the company, duly attested by the Secretary, and the party of the second part by the Superintendent in charge of its property duly authorized to execute this agreement.

Attest:

Frank W. Hanna
Secretary

THE DENVER GAS & ELECTRIC COMPANY
By Wm. G. Baker
Vice-President

THE UNITED STATES OF AMERICA

By Frank M. Downer
Superintendent of U.S. Mint, Denver, Colorado.

Approved:

Signed - Franklin M. Vaughn
Secretary of the Treasury.

Signed - Geo. E. Porter
Director of the Mint



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON August 19, 1911.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I beg to acknowledge the receipt of your letter of the 15th instant together with samples of gloves returned by you. The Superintendent of the Mint at Philadelphia has been directed to ship to you by freight the heavy buck gloves and mitts you desire. The light weight buck glove sample has been forwarded to Decker & Co., with the request that they advise the Bureau as promptly as possible of the rate at which they will furnish these gloves to your Mint.

Respectfully,

H. H. [Signature]
Acting Director of the Mint.

Private

Augt. 17/11

Produce of Sheep
(Horns for Skins)
Wm. W. W.

RECEIVED BY THE
TREASURY DEPARTMENT

AGENTS WILL FILL OUT FOLLOWING DIRECTORY INSERTION IN FULL, EXACTLY AS IT IS TO APPEAR IN DIRECTORY.
CENTER COLUMN NECESSARILY LIMITED TO THREE WORDS.

Leach E. P. - *Residence*
Denver Exchange, Class *T 50* Service. W. C. S. No. _____
Old Sw. Bd. No. *South 523*
New Sw. Bd. No. *Same*
Succeeds _____
With _____ change of rate from \$ _____ to \$ _____ Excess Radius _____ miles.
Make change in rental *April 1/1908*
With _____ change of system from _____ to _____ Make change in system _____

The subscriber requests the Colorado Telephone Company to place telephone instruments in his *Residence*
No. *25 East 3rd* Ave., Street, Denver, Colo., and furnish service marked on the back hereof, for the purpose of personal communication of the subscriber and his employes or immediate household, upon the subscriber's business, with **Denver Exchange**, from his own telephone station and no other, and they are not to be used for any toll or consideration to be paid by any person other than the subscriber, nor for performing any part of the work of collecting, transmitting or delivering any message in respect of which any toll or consideration has been or is to be paid to any party other than the Exchange, nor for transmitting market quotations or news for sale, publication or distribution, nor for calling messengers, except from the central office, or performing any other service in competition with service which the Exchange may undertake to perform.

The subscriber hereby agrees to pay for this service *50.00* dollars
per month, payable monthly in advance, for the privilege of making *fifty* calls in that month, and for extra calls in that contract month *two* cents each, payable as specified on the back hereof, provided, however, that in case the instruments are moved, the subscriber hereby agrees to pay the cost thereof and to pay such rates as are established for like stations in the same radius. This service may be terminated by ten days' written notice by either the subscriber or the Telephone Company, provided, however, that on account of the cost of installation THE SUBSCRIBER HEREBY AGREES TO KEEP THE TELEPHONE FOR AT LEAST ~~THREE~~ *12* MONTHS FOLLOWING THE DATE OF INSTALLING THE SAME, OR TO PAY THE COMPANY THE RENTAL OR ITS EQUIVALENT FOR SUCH TIME in case the telephone is disconnected before the expiration of such ~~three~~ *12* months. No long distance service to be given for the price provided for herein. The instruments and lines on the subscriber's premises shall be carefully used and only as herein stated. All ordinary expense of maintenance and repair to be borne by the Exchange, and the subscriber to pay twenty dollars (\$20.00) for each telephone instrument destroyed otherwise than by unavoidable accident. In case communication is interrupted from any cause whatever, the only liability of the Exchange shall be to abate the rental during such interruption after twenty-four hours' written notice thereof to the Colorado Telephone Company.

The Colorado Telephone Company may terminate the subscriber's rights by written notice served on the subscriber, or any occupant of the premises, and sever his connection and remove the instrument for non-payment of rental provided for herein, or for any use of the telephone by the subscriber contrary to this request, or to the laws of the city or state, or for the use of profane or indecent language from this telephone; and for this purpose, as well as for the inspection and for the removal of the telephone instrument and apparatus, it and its servants may have access to the subscriber's premises.

Signed at Denver, Colo., *March 1908* 190*8*

Present bill to *U. S. Mint*

At *Colfax & Cherokee* Ave., Street

on *9th* day of month.

Colorado Telephone Co.
J. Allen W. C. S. _____
Contract with - Howard P. Traill

Frank M. Downey
SUPERINTENDENT
(Subscriber signs here, in ink, without abbreviations exactly as he wishes name to appear in the directory.)

DO NOT WRITE IN THIS SPACE.

Exchange, Denver, Colo., Sw. Bd. Prefix U.S. Mint - No. for use of E.P. Beck
 Name 25 East 3rd Ave
 Location T 2-294a
 Equipment _____ Excess Calls @ \$ _____
 Completed _____ to @ \$ _____
 Changed from _____ Bill from _____ to @ \$ _____
 _____ Total - - - - \$ _____
 Recd., Directory Department _____ (Amount paid account old rate - - - - \$ _____)
 Recd., Rental Department _____ (Balance due - - - - \$ _____)

DENVER EXCHANGE TELEPHONE SERVICE.

UNMEASURED SERVICE.

CLASS E. PRIVATE RESIDENCE USE.

INDIVIDUAL LINE.

Class Z. Extension Telephone, with flat rate telephone, main instrument being located at _____

MEASURED SERVICE.

The subscriber hereby agrees to pay in advance on the first day of each month the amount stated on the face hereof for the privilege of making the number of calls there specified, in that month, and the amount there specified for each call over said number in that month. Payment for excess calls to be made on the first day of the second month thereafter, and also to pay a proportionate rate for a proportionate number of calls between the date of the placing of the telephone and the first of the month following, and all calls in excess of such number are to be excess calls.

Upon the termination of this service the subscriber shall pay to the Company such proportion of the monthly rate as is his proportionate amount for the time for which service has been rendered, but shall pay at the rate per single call provided on the face hereof for all local calls from his station in excess to a like proportionate part of the number of calls herein agreed upon.

INDIVIDUAL LINE.

TWO-PARTY LINE.

SEVERAL PARTY LINE.

Class R. Business and Professional use.
 Class T. Private Residence use.

Class S. Business and Professional use.
 Class U. Private Residence use.

Class R.E. Ranch use.

SERVICE WITH COIN-RECEIVING DEVICE.

The Telephone Company reserves the right to collect as often as it may be necessary for it to do in the conduct of its business.

Class J. Business use. **Individual line.** Subscriber guarantees the Telephone Company fifteen cents (15c) from local calls for each day since last collection; in other words, the subscriber pays five cents (5c) for each and every five minutes' local switch, or fraction thereof, from his telephone, and in case the earnings shall be less than fifteen cents (15c) per day since the last collection, the subscriber is to make up the deficiency. Provided, however, that if the earnings shall exceed fifteen cents (15c) per day between collections, the Telephone Company shall at the time of the collection rebate the subscriber two cents (2c) for each of such excess calls.

Class K. Business use. **Two-Party line,** with other conditions the same as Class J, except that the guarantee shall be ten cents (10c) per day, without rebate upon any excess amount.

Class O. Private Residence use. **Individual line,** with other conditions the same as Class J, except that the guarantee shall be ten cents (10c) per day, and the rebate mentioned in Class J shall be given on all calls over two per day between any two collections.

Class N. Private Residence use. **Two-Party line,** with other conditions the same as Class J, except that the guarantee shall be seven cents (7c) per day, without rebate upon any excess amount.

Class X. Private Residence use. **Ten-Party line,** (2 wires, five subscribers on each). Subscriber guarantees the Telephone Company five cents (5c) from local calls for each day since last collection; in other words, the subscriber pays five cents (5c) for each and every five minutes' local switch, or fraction thereof, from his telephone, and in case the earnings shall be less than five cents (5c) per day since the last collection, the subscriber shall make up the deficiency. The subscriber agrees to allow the Company to cancel this contract and agrees to execute a contract for other service should the incoming calls exceed six (6) calls per day for three (3) days in any calendar month.

Class A-Y. Public Pay Station. **Individual line service.** The Telephone Company receives all the receipts for local messages up to and including five dollars (\$5) each and every month. The subscriber receives 25 per cent. of all local receipts over five dollars (\$5) in any month. Should receipts for local calls be less than five dollars (\$5) in any month, the subscriber agrees to pay the Telephone Company the difference between such receipts and \$5. The subscriber receives 10 per cent. of all the earnings of his station for foreign messages, however, with a maximum commission of 10c on any one message.

Class B-Y. Suburban Public Pay Station. **Two-Party line.** Otherwise the same conditions as Class A-Y next above.

Class S-O. Subscriber pays for the privilege of using telephone No. _____ at _____

Street, now under lease by _____ and in case that service is measured or slot, the amount paid under this contract shall not purchase the privilege of making any calls.

EXTENSION TELEPHONES WITH MEASURED OR SLOT SERVICE.

Class Z. Extension Telephone, with Measured or Slot service, does not purchase the right to make any calls.

Main instrument is located at _____

CONDITIONS APPLYING TO ALL CONTRACTS.

In party line service the Telephone Company reserves the right to place on the circuit as many stations as the name of the line as given above designates, and to change the circuit and switchboard number upon five days' notice.

Any communication of more than five minutes shall be reckoned to be as many calls as there are five minutes and fractional excess of five minutes occupied by such communication.

Local messages are communications with telephones in this Exchange.

Foreign messages are communications outside this Exchange.

In every case Metallic Circuit Service with Long Distance Telephone Equipment.

Received by Contract Agent:

(Place)

(Date)

The undersigned hereby agree to furnish coin bags of the qualities and makes below described, in such quantities as may be ordered by the Secretary of the Treasury, at the prices stated: **during the fiscal year ending June 30, 1913.**

NO. OF SAMPLE.	DESCRIPTION OF BAG.	FOR WHAT AMOUNT TO BE USED.	RATE PER BAG DELIV- ERED—	
			At points east of the Rocky Mountains.	At points west of the Rocky Mountains.
1	Bag to be 20½ inches long, 12 inches wide, to be of duck made from middling cotton, weighing not less than 8 ounces to the yard of 29 inches width, counting not less than 50 double threads to the inch in the warp and not less than 32 double threads to the inch in the filling, to be free from starch or sizing of any kind, and sewed with double row of stitching (lock-stitch) with No. 12 best four cord unbleached machine cotton thread, well stayed to prevent raveling.	\$1,000 silver .....	.0824	.0824
2	Bag to be 14 inches long, 6½ inches wide, and to be of same material and make as sample No. 1.	\$5,000 gold .....	.0352	.0352
3	Bag to be 16 inches long, 9½ inches wide, and to be of same material and make as sample No. 1.	\$500 silver .....	.0561	.0561
4	Bag to be 16 inches long, 9½ inches wide, and to be made of strong unbleached drill, sewed with double row of stitching (lock-stitch) and thread as provided for bag No. 1, well stayed to prevent raveling.	\$500 silver .....	.0369	.0369
5	Bag to be 14½ inches long, 6½ inches wide, to be made of strong, heavy, unbleached sheeting, and to be sewed with single row of stitching (lock-stitch) and thread as provided for bag No. 1, well stayed to prevent raveling.	\$200 silver .....	.0167	.0167
6	Bag to be 9½ inches long, 6 inches wide, and to be of same material and make as sample No. 5.	\$100 silver .....	.0109	.0109
7	Bag to be 8¾ inches long, 3¾ inches wide, and to be of same material and make as sample No. 5.	\$50 silver .....	.0072	.0072
8	Bag to be 17 inches long, 11½ inches wide, and to be of same material and make as sample No. 4.	\$200 nickel .....	.0446	.0446
9	Bag to be 8½ inches long, 2½ inches wide, and to be of same material and make as sample No. 5.	\$10 dimes, or \$5 nickel.	.0049	.0049

(Bidders should state Name and Address.)

..... J. ROSS COLLINS,

..... 54-56 Franklin St., New York, N. Y.

INSTRUCTIONS TO BIDDERS—COIN BAGS.

No bags are kept in the Stock of the Department, but they are ordered, from time to time, in quantities as required, upon requisition of public officers, and must be promptly delivered to any part of the United States, in the office for which they are ordered, free of expense to the Government for transportation or cartage. Bags delivered and found to be inferior to samples submitted will be returned to contractor at the expense of the latter for transportation.

As some of the bags will be sent to public officers on the Pacific coast two rates will be given—one for delivery at points east, and one at points west, of the Rocky Mountains.

The Department is unable to state the number of bags which will be required. During the fiscal year ended June 30, 19____ over _____ hundred thousand were ordered in sizes as shown inside.

*Envelopes containing proposals should be marked “**Proposals for Coin Bags,**” and addressed to the Secretary of the Treasury, accompanied by a sample bag of each size.*

The bids will be considered and accepted or rejected item by item, and this proposal, so far as accepted by the Secretary of the Treasury, shall constitute the contract between the Government and the bidder, and no further contract will be executed.

Proposals will be received until June _____ at 2 o'clock p. m.

The right is reserved to reject any or all bids, and to waive defects.

A certified check for \$400 will be required from the successful bidder as a guaranty of faithful performance of contract.

Secretary of the Treasury.

NUMBER OF COIN BAGS ORDERED DURING FISCAL YEAR _____

Size No. 1 _____

Size No. 2 _____

Size No. 3 _____

Size No. 4 _____

Size No. 5 _____

Size No. 6 _____

Size No. 7 _____

Size No. 8 _____

Size No. 9 _____



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON August 7, 1912.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am enclosing for your information and guidance a copy of the contract made by the Department with J. Ross Collins, for supplying coin bags for the fiscal year 1913.

Respectfully,

M. V. Keely
Acting Director of the Mint.

Genl Hays

*Recd Apr
1913*

TREASURY DEPARTMENT

WASHINGTON August 7, 1913.

Department of the Interior,
Bureau of Land Management,
Washington, D. C.

Enclosed is a copy of the contract made by the
Department with J. H. Hays, for supplying
oil bags for the fiscal year 1914.
Respectfully,

Acting Director of the BLM.



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON August 3, 1912.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I am enclosing herewith the letter of approval of your recommendations for supplies for 1913. The approval of awards has been delayed pending the decision of the Secretary of the Treasury as to whether or not the Mint field service should be included in the General Supply Schedule. A few days ago we were authorized to purchase under our own contracts as usual. However, we are directed to make a comparison of prices given in the General Supply Schedule with those paid by us under our own contracts for the purpose of manifesting the resulting economies. With this in view I am particularly interested in the prices you pay for oils as referred to in Bureau letter of the 24th ultimo. We have accepted your recommendations for oils for 1913 and included them in the approved awards, but before you take final action in regard to the award of contracts for oils please make reply to Bureau letter of July 24th, 1912 and advise me whether or not you think

it possible to use cheaper oil with economy.

All floor brushes have not been included. There are several kinds recommended by you and as Denver is the only one carrying such articles, before approving I should like to have a letter from you on the subject.

We have eliminated the 20 lb. cotton mops.

Gloves will be supplied you from the Philadelphia contract, or the cheaper grade from the New York contract, if you advise us that you can use this glove.

Respectfully,

M. V. Seely
Acting Director of the Mint.

Private
Sept. 2/12

Very, truly yr

Apprentice of

Recommendations for

Sept 1912

to have a letter from you on the subject.
to have a letter from you on the subject.
to have a letter from you on the subject.
to have a letter from you on the subject.

to have a letter from you on the subject.

to have a letter from you on the subject.

to have a letter from you on the subject.

to have a letter from you on the subject.

to have a letter from you on the subject.



TREASURY DEPARTMENT,

BUREAU OF THE MINT,

Washington, August 16, 1905.

Mr. C. A. Hamilton, Agent,
General Fireproofing Company,
501 14th Street,
Washington, D. C.

Sir:

The proposal as submitted by the General Fireproofing Company, Youngstown, Ohio, dated July 30, 1905, for furnishing and erecting in place in the U. S. Mint, Denver, Colorado, the steel fixtures as listed in specifications, is hereby accepted, at the prices quoted for whatever materials that may be hereafter selected.

At this time the order will be placed for the following materials:

Book-keeper's standing desk at the price of seven hundred and fifty dollars (\$750.), delivered and erected.

One wooden top steel flat top desk, 66" x 54" top, at the price of one hundred and sixty-two dollars and fifty cents (\$162.50).

Six double wardrobes at forty-five dollars and fifty cents (\$45.50), having outside dimensions of 42" x 16" x 84", inside singles 20" x 15-5/8" x 74". One of these wardrobes to be finished in mahogany and five in olive green. The entire lot of steel fixtures, with the exception of the one mahogany wardrobe, is to be

finished in olive green color, neatly striped and paneled.

At this time the necessary data is not at hand from which orders for book cases could be placed. This order for book cases will be placed in the future.

In regard to the book-keeper's standing desk, you are notified that you will be held responsible for drawings of the book-keeper's room, and, therefore, should verify all measurements as shown on blue prints that were submitted with the invitation for bids, as this Office will not assume the responsibility for dimensions that might cause a rejection of your work where small measurements would be of importance.

Referring to the wardrobes, I note that you have shown square mirrors in some. Please change to oval, as stated in the specifications.

The entire work accepted under this agreement is to be in strict accordance with specification requirements.

Please verify dimensions of materials ordered and acknowledge receipt of this acceptance.

Respectfully,

Acting Director of the Mint.

F.E.H.

Wooters

Deception

Paul Thompson

Providence

Providence

Providence

Providence

Respectfully,
Acknowledgement receipt of this acceptance.
Please verify dimensions of materials ordered and
to be in strict accordance with specification require-
ments.
The entire work accepted under this agreement is
as stated in the specifications.
shown square mirrors in some. Please change to oval.
Referring to the wardrobe, I note that you have
wants would be of importance.
might cause a rejection of your work where small measure-
will not assume the responsibility for dimensions that
submitted with the invitation for bids, as this Office
verify all measurements as shown on blue prints that were
In regard to the book-keeper's standing desk, you
are notified that you will be held responsible for draw-
ings of the book-keeper's room, and, therefore, should

Acting Director of the Mint.

W.H.

MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

September 18, 1912.

Hon. Frank M. Downer,
Superintendent, U. S. Mint,
Denver.

Sir:

In reply to the Director's letter of the 9th inst., relative to crucibles, rings, and covers, I beg to submit the following:

Changing the wall thickness of the crucible ("Specification 80") from $1\text{-}1/8$ " to $1\text{-}5/16$ " decreases the inside top diameter from $9\text{-}3/4$ " to $9\text{-}3/8$ ". In his letter to you of August 2, 1912, Mr. Milsom states concerning the relative size of crucible and ring that "the ring should project over the inside top of the crucible a little -- just enough to prevent particles of metal from falling on the top edge of the crucible;" and he therein suggests a projection of $1/8$ " all around the inside, which would make the inside diameter of the ring $1/4$ " less than that of the crucible. So that, with a $9\text{-}3/8$ " crucible, the ring should be $9\text{-}1/8$ " inside. If the ring exactly fits the crucible, there is little danger of the metal falling on the top edge; but with 10" Bartley rings as now in use, a ledge of $5/16$ " all around is presented for this undesirable result.

It is earnestly requested that the crucibles be made without the lip shown in the specification. It is necessary to file off the lip so that the quarter-slides will close snugly around the crucible, and filing off so much of the crucible weakens it and materially hastens its deterioration. The Bartley covers will fit the

THE MINT OF THE UNITED STATES AT DENVER,

190

Melter and Refiner.

SUBJECT:

September 16, 1912.

NO. OF INCLOSURES,

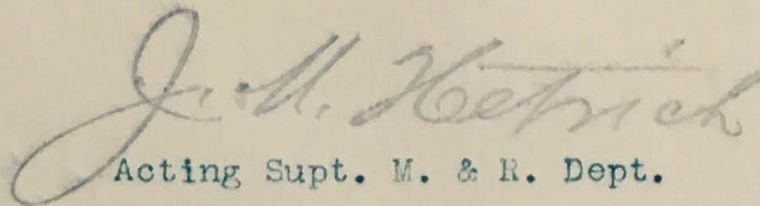
MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Superintendent - 2

crucibles and rings, small or large.

This department will need 500 "Specification 80" crucibles during the present fiscal year, and requisition is hereby made for that number.

Respectfully,


Acting Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

190 .

Melter and Refiner.

SUBJECT:

NO. OF INCLOSURES,



TREASURY DEPARTMENT

OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

WASHINGTON, Sept. 9, 1912.

Superintendent, U.S. Mint,
Denver, Colo.

Sir:

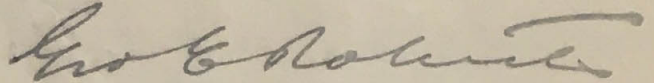
Referring to previous correspondence in the matter of crucibles I beg to advise you that it has been decided to accept the bid of J. H. Gautier & Co., for the No. 80 special crucibles at \$2.52 each f.o.b. point of shipment. The specifications have been changed in only the following instances: the thickness of the wall at the top of the crucible is changed from 1-1/8" to 1-5/16" without changing outside bilge diameter (12-13/16") by decreasing the thickness from the bottom to the top - that is, from 1-8/16" at the bottom to 1-5/16" at the top.

I am not clear whether you can use the covers that have been accepted on the Bartley quotation for 1913 which fitted the Denver 80. If you cannot use them on the specification 80 crucible please advise me and we will send out requests for bids for a cover that will fit the specification 80 more closely. This also applies to the rings.

The J. H. Gautier Company has been advised today that you will send orders to them for any specification 80's you may require for the fiscal year 1913, and I wish you would estimate your requirements and send in your order without

delay. The Gautier Company will be requested to ship these goods to you on Government Bill of Lading, and they are responsible for their safe delivery.

Respectfully,



Director of the Mint.

K.

Answer 9/18/12

Received

7/9/12

No 30 credit to
be purchased from
Gunter & Co.

- 3 -

These coins will be requested to ship these
Government Bill of Lading, and they are re-
sponsible for their safe delivery.

Respectfully,

Director of the Mint.



TREASURY DEPARTMENT

WASHINGTON, July 8, 1912.

*Voick*GRAPHITE GOODS. Mint Service, 1912.Crucibles.Dixon:

No. 70 Regulars,-----	\$2.28 each.
No. 50,-----	1.68 "
No. 30,-----	1.01 "
No. 20,-----	.77 "
No. 12,-----	.41 "
No. 10 (Special),-----	.49 "
No. 4,-----	.30 "

Stirrers.

No. 0,-----	.19 "
Straight,-----	.24 "

Dipping Cups.

No. 5,-----	.37 "
-------------	-------

Stirring Cups.

No. 1,-----	.22 "
-------------	-------

GAUTIER:Plungers.

<i>Plunger</i> ,-----	.80 "
Spoons,-----	.40 "

CRUCIBLES.

Specification 80

2.52 each



TREASURY DEPARTMENT

WASHINGTON, July 8, 1912.

Void

GRAPHITE GOODS. MINT SERVICE, 1912.

JONATHAN BARTLEY:

Crucibles.

No. 80 (Denver pattern regulars),-----	\$2.45 each.
No. 60,-----	1.90 "

Covers.

No. 80 (Denver regulars),-----	.40 "
No. 70 Regulars,-----	.35 "
No. 70 Specials,-----	.35 "
No. 50 Regulars,-----	.25 "
No. 40 " ,-----	.20 "

Dipping Cups.

No. 3,-----	.25 "
No. 2,-----	.23 "
No. 1 Special,-----	.25 "
No. 1,-----	.21 "

Rings.

No. 70,-----	.50 "
No. 70 (Half rings),-----	.25 "



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON October 21, 1912.

Mr. Frank M. Downer,
Superintendent, U.S. Mint,
Denver, Colorado.

Sir:

Referring to yours of October 18th regarding black lead supplies, I am enclosing herewith a tabulated statement regarding the contracts which have been awarded for supplying such materials for 1913. You are hereby authorized to order upon these contracts any supplies that you require. In regard to the materials not listed under the present contracts you are authorized to obtain bids from a sufficient number of dealers to give suitable competition for supplying your needs.

I note that you have specified No. 14 crucibles and would suggest that you use No. 12 crucibles as called for by the contract provided you have no serious objection to making this change in size.

Under the same head I would suggest that you consider the use of No. 3 or No. 5 dipping cups instead of No. 4 which you have listed on your requirements.

It is not clear from your list just what you mean by 8" stirrers, and I am not sure whether they are covered by the contracts or not.

You do not specify what crucible you require the 2" and 4" rings for, but the existing contract covers only

*10/21/12
Note that contract statement
not used.*

Smith

Oct. 21/12

Contract for

March 21, 1913

Blackhead Creek

Mr. J. H. Dwyer,
Superintendent, U.S. Forest Service,

Forest Service,

Sir:

Referring to your letter of October 18th regarding Blackhead Creek, I am enclosing herewith a tabulated statement regarding the contracts which have been awarded for supplying such materials for 1913. You are hereby authorized to order upon these contracts any supplies that you require. In regard to the materials not listed under the present contracts you are authorized to obtain bids from a sufficient number of dealers to give suitable competition for supplying your needs.

I note that you have specified No. 14 rivets and would suggest that you use No. 12 rivets as called for by the contract provided you have no serious objection to making this change in size.

The same may be used in place of No. 14 rivets.

The use of No. 3 or No. 4 dipping rings instead of No. 4

which you have listed on your requirements.

It is not clear from your list just what you mean by

2" diameter, and I am not sure whether they are covered by

the contracts or not.

You do not specify what diameter you require the 2"

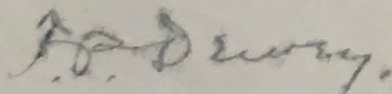
and 4" rings for, but the existing contract covers only

October 21, 1912.

rings for No. 70 regular crucible.

In regard to the thickness of the special No. 80 crucible: this is to be added on the inside of the crucible and the dimensions of the outside are not to be altered. The crucible is to be without lip, and on the suggestion of the Philadelphia Mint it was thought desirable to have the rings 9-3/8" in diameter on the inside so as to allow as much room as possible at the top of the crucibles when charging clippings. Mr. Coleman of the Philadelphia Mint states that the covers for the 80 Denver crucibles can be used on the 80 specials.

Respectfully,

A handwritten signature in dark ink, appearing to read "H. D. Dewey". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Acting Director of the Mint.



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON December 28, 1912.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

I beg to advise you that this office has obtained proposals from three firms for supplying rings and covers according to blue prints supplied by the Philadelphia Mint, for the No. 80 specification crucible manufactured by the J. H. Gautier Company under contract for the year 1913. Should you require any of these articles you are authorized to purchase the same from J. H. Gautier & Co., Jersey City, N. J., the lowest bidders, at the following rates:-

2" rings, in lots of 100, -----	\$0.40 each
4" " " " " -----	.72 "
Covers, -----	.49 "

Respectfully,

Director of the Mint.

THE WESTERN UNION TELEGRAPH COMPANY.

INCORPORATED

24,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

DEC

1911

RECEIVED at 1114 to 1118 17th St., Denver, Colo.

TELEPHONES: MAIN 4444, 4445, 4446

V D 3 80 CH AH 43 GOVT

911

WASHINGTON DC 7

SUPT MINT

DENVER COL

FREIGHT RATE ON NICKEL TO DENVER FROM NEWYORK

LESS THAN CENT PER POUND EVEN WITH CARTAGE ADDED

WOULD NOT EASTERN RATE BE CHEAPER AT FORTY CENTS

THAN FORTY TWO AND HALF DELIVERED AT MINT WIRE REPLY.

KELLY ACTING DIRECTOR.

TELEPHONED
Time 7:52
To Denver
Clerk

OK

448pm Ben

AYS OPEN.

MONEY TRANSFERRED BY TELEGRAPH.

CABLE OFFICE.

SEE OTHER SIDE FOR TELEGRAM

The Western Union Telegraph Company

THE LARGEST TELEGRAPHIC
SYSTEM IN THE WORLD.

OVER ONE MILLION MILES
OF WIRE IN THE UNITED STATES
AND CANADA.

It has over 24,000 Telegraph
Offices, including Branch Offices.

It has also Direct Connection
by Telegraph or Telephone with as
many more remote and smaller
stations, making a total list of
over 50,000 in the United States,
Canada and Mexico, and this num-
ber is rapidly increasing.

Seven Atlantic Cables,

Connecting North America with all points
in Europe and beyond, including Two
Cables of the American Telegraph and
Cable Company, Four Cables of the Anglo-
American Telegraph Company, and One
Cable of the Direct United States Cable Co.

Direct Wires to Galveston, Texas, con-
necting at that place with the Cables of the
Mexican, the Central and South American
Telegraph Companies for all points in
Mexico and Central and South America.

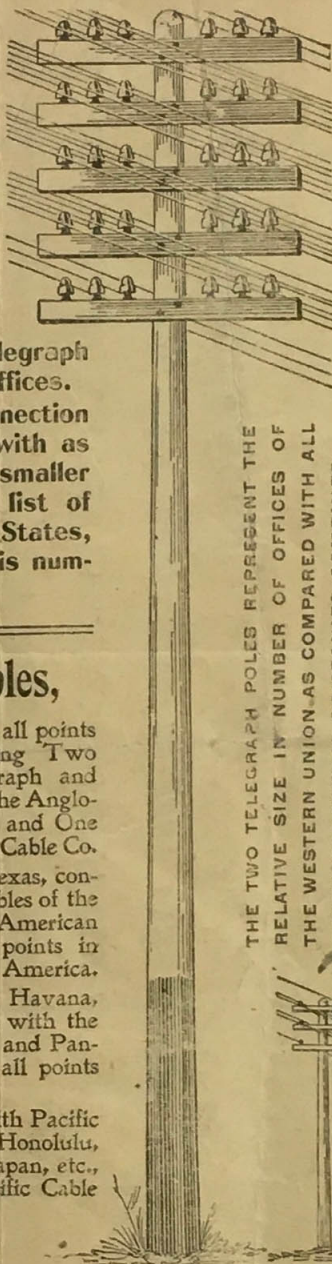
Direct Wires and Cables to Havana,
Cuba, connecting at that place with the
Cuba Submarine and West India and Pan-
ama Telegraph Companies for all points
in the West Indies.

Connects at San Francisco with Pacific
Cables to the Sandwich Islands, Honolulu,
Guam, the Philippines, China, Japan, etc.,
and at Victoria, B. C., with Pacific Cable
to Australia and New Zealand.

Connects at Seattle, Wash.,
with U. S. Government Lines
and Cables to and in Alaska.

Exclusive connection with the Great
North-Western Telegraph Co. of Canada.

DOMESTIC AND FOREIGN MONEY ORDERS BY TELEGRAPH AND CABLE



THE TWO TELEGRAPH POLES REPRESENT THE
RELATIVE SIZE IN NUMBER OF OFFICES OF
THE WESTERN UNION AS COMPARED WITH ALL
OTHER COMPETING COMPANIES COMBINED.

W. U. T. CO.
24,634
OFFICES

OTHER CO.'S.
4,868
OFFICES

SEE OTHER SIDE FOR TELEGRAM

THE WESTERN UNION TELEGRAPH COMPANY

INCORPORATED

25,000 OFFICES IN AMERICA.

CABLE SERVICE TO ALL THE WORLD

This Company **TRANSMITS** and **DELIVERS** messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Messages**, beyond the amount of tolls paid thereon, nor in any case beyond the sum of **Fifty Dollars**, at which, unless otherwise stated below, this message has been valued by the sender thereof, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission. This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THEO. N. VAIL, PRESIDENT

BELVIDERE BROOKS, GENERAL MANAGER

RECEIVED AT

B. O. Ofs.

35 D. BU. 10-

33715

New York NY Dec 8, 1911.

Supt of the U. S. Mint,

Denver, Colo:

Telegram received Will ship thirty thousand pounds prime nickel promptly.

Arthur Seligman.

1211P

SEE OTHER SIDE FOR TELEGRAM

Domestic and Foreign Money Orders by Telegraph and Cable

THE WESTERN UNION TELEGRAPH COMPANY

INCORPORATED

THE LARGEST TELEGRAPHIC
SYSTEM IN THE WORLD.

OVER ONE MILLION MILES
OF WIRE IN THE UNITED STATES
AND CANADA.

It has over 25,000 Telegraph Offices,
including Branch Offices.

It has also Direct Connection by Tele-
graph or Telephone with many more remote
and smaller stations, making a total list
of 60,000 in the United States, Canada
and Mexico, and this number is rapidly
increasing.

SEVEN ATLANTIC CABLES

Connecting North America with all points
in Europe and beyond, including Two
Cables of the American Telegraph and
Cable Company, Four Cables of the Anglo-
American Telegraph Company, and One
Cable of the Direct United States Cable Co.

Direct Wires to Galveston, Texas, con-
necting at that place with the Cables of the
Mexican, the Central and South American
Telegraph Companies for all points in
Mexico and Central and South America.

Direct Wires and Cables to Havana,
Cuba, connecting at that place with the
Cuba Submarine and West India and Pan-
ama Telegraph Companies for all points
in the West Indies.

Connects at San Francisco with Pacific
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and at Victoria, B. C., with Pacific Cable
to Australia and New Zealand.

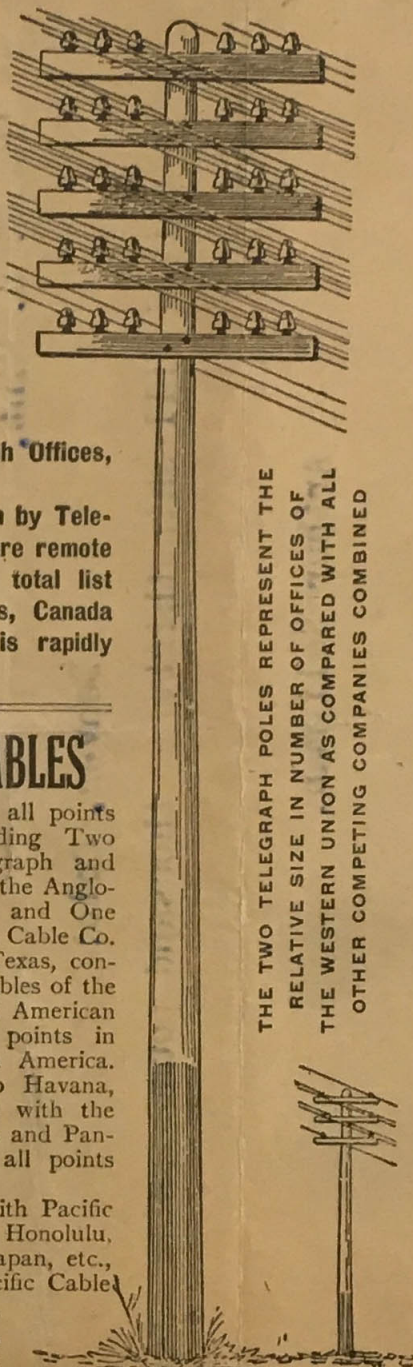
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with U. S. Government Lines
and Cables to and in Alaska.

Exclusive connection with the Great
North-Western Telegraph Co. of Canada.

WESTERN UNION
TELEGRAPH
COMPANY

ALL
COMPETING
COMPANIES

THE TWO TELEGRAPH POLES REPRESENT THE
RELATIVE SIZE IN NUMBER OF OFFICES OF
THE WESTERN UNION AS COMPARED WITH ALL
OTHER COMPETING COMPANIES COMBINED



SEE OTHER SIDE FOR TELEGRAM

Domestic and Foreign Money Orders by Telegraph and Cable

ARTHUR SELIGMANN

Importer and Exporter
of

METALS AND ORES

165 Broadway

(City Investing Building)

Representing

ALTHEIMER, SPEIER & CO.

FRANKFORT ON MAIN

New York December 8, 1911.

The Supt. of the U. S. Mint,
Denver, Colo.

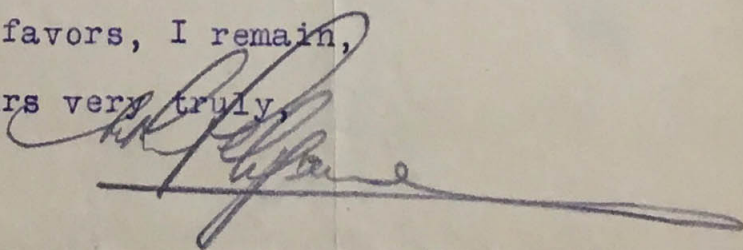
Gentlemen:-

I am in receipt of your telegram and note that you accept our proposal to furnish the Mint with 30,000 lbs. of Prime Cube Nickel, same quality as used at the Philadelphia Mint, at 40¢ per lb. f.o.b. New Brunswick, N.J.

We are immediately passing this order on to our New Brunswick Works and instructed them to ship through the United States Quartermaster.

Thanking you for the order, which will have our best attention and awaiting your further favors, I remain,

Yours very truly,



ARTHUR SELIGMANN

Importer and Exporter
of
METALS AND ORES

165 Broadway
(City Investing Building)

Representing
ALTHEIMER, SPEIER & CO.
FRANKFORT ON MAIN

New York November 22, 1911.

Supt. of the U. S. Mint,
Denver, Colo.

Dear Sir:-

We have a letter from the Director of the Mint at Washington, asking us to communicate with you regarding Prime Cube Nickel. We have recently submitted a sample to the Philadelphia Mint, which has been found satisfactory and have obtained a contract from them. We will be glad to furnish you:-

30,000 lbs. of Prime Cube Nickel, similar to the sample submitted to the Philadelphia Mint, at 40¢ per lb. f.o.b. New Brunswick, N.J. or New York, N.Y.

We have sold at the same price to the Philadelphia Mint, that is, delivered Philadelphia to which point the freight is very small, whereas to Denver, we understand, there is a considerably higher freight rate to be figured. We therefore prefer to name a price, f.o.b. New York or f.o.b. New Brunswick where our plant is located. Should you wish to have the freight prepaid, we would simply charge you whatever the amount advanced by us is.

I still wish to say, that the Nickel we are quoting you on is furnished by our American Works, the U. S. Nickel Co. of New Brunswick, N.J., whose selling agents we are. This Nickel is used extensively by the European Government Mints and we have no doubt, that you will be perfectly satisfied with the quality. We could make shipment early in December from our Works.

Trusting to be favored with your order, I remain,
Yours very truly,

AS/H

New York City
March 22/11

Arthur H. Hays

140 Jefferson
Place

Dear Sir:-

I have a pleasure in acknowledging the receipt of the Mint at

Washington, asking me to communicate with you regarding Prime Grade
Nickel. We have recently submitted a sample to the Philadelphia
Mint, which has been found satisfactory and have obtained a contract
from them. We will be glad to furnish you
50,000 lbs. of Prime Grade Nickel, similar to the sample sub-

mitted to the Philadelphia Mint, at 40¢ per lb. F.O.B. New York City.

We have sold at the same price to the Philadelphia Mint,
that is, delivered Philadelphia to which point the freight is very
small, whereas to Denver, we understand, there is a considerably
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a price, F.O.B. New York City or F.O.B. New Haven where our plant is
located. Should you wish to have the freight prepaid, we would

simply charge you whatever the amount advanced by us is.

I still wish to say, that the Nickel we are quoting you
up is furnished by our American Works, the U. S. Nickel Co. of New
Brunswick, N.J., whose selling agents we are. This Nickel is used
extensively by the European Government Mints and we have no doubt,

that you will be perfectly satisfied with the quality. We could
also submit a sample in December from our Works.
Respectfully,
Yours very truly,

New York November 22, 1911.

SWORN WEIGHER'S STATEMENT.

Copper Lot No. B. & M. Ingot Kind B. & M. Ingot
In Car No. W. 45884
Weighed by H. J. Case Sworn Weigher.

Date Dec. 5 1911

250	Ingot	4399
250	.	4467
260	.	4609
250	.	4375
250	.	4372
250	.	4474
250	.	4407
250	.	4381
192	.	3407
250	.	4386
250	.	4389
134	.	2334

2836✓ 50000✓

H. J. Case.

ANACONDA COPPER MINING COMPANY
BOSTON & MONTANA REDUCTION DEPARTMENT
GREAT FALLS, MONTANA

Order No. 1008

GREAT FALLS, MONTANA, December 5th 1911

	LOT NO.	PER CT. MOISTURE	PER CT. CU. ELECTROLYTIC ASSAY	PER CT. CU.	PER TON OF 2000 LBS.					
					OZ. AG.	OZ. AU.				
B. & M. Ingots	21		99.92							
shipped to	22		99.92							
United States Mint										
Denver, Colo.										
<i>5667 ingots. Total wt. 100000 lbs.</i> <i>5667 ingots received J. W. Wilson MTR</i>										

2836
2831
5267

E. E. Brownson ASSAYER

United Metals Selling Company.

42 BROADWAY.

FREIGHT DEPARTMENT.

NEW YORK, December 9. 1911.

IN REPLYING PLEASE REFER TO NO.

Mr. F.N.Downer, Supt.,
U.S.Mint,
Denver, Colo.

Dear Sir:

We beg to advise you that the Copper covered by your Contract No.1879 was shipped from Black Eagle, Montana, on December 5th. in cars G.N.18990 and G.N.15884, consigned to the U.S.Mint, Denver, Colo.

We have arranged with The Weicker Transfer & Storage Co. to cart this copper from the railroad terminal to wherever you may direct.

Yours very truly,

Manager, Freight Department.

JAM / N1.

United Metals Selling Company.

42 BROADWAY.

CABLE ADDRESS "LOHENGRIN"

P. O. BOX 1247.

NEW YORK, Dec. 9, 1911

IN REPLYING PLEASE REFER TO NO.

Mr. Frank M. Downer, Supt.,
United States Mint,
Denver, Colo.

Dear Sir:

Enclosed herewith we hand you our invoices #B4263 and B4264, each for \$6725. As we understand you require receipted invoices before you can make payment, we have done the necessary.

Kindly remit on receipt of the copper, and oblige,

Yours truly,

UNITED METALS SELLING CO.

Wm. M. M.
Ass't. Manager.

MM

United Metals Selling Company

42 BROADWAY

NEW YORK

WESTERN SHIPMENT.

Invoice No. B 4263

Upon arrival of car, SEALS SHOULD BE CAREFULLY INSPECTED and RECORD TAKEN.

Any discrepancies in the number of pieces should be reported to this office IMMEDIATELY, so that an investigation can be started without delay.

From Black Eagle Mont Date Shipped 12/5/11

Original Car 18990 L Y Pcs. Shipped 2831 Segals

Arrival " _____ " Received _____

Seal Record on } _____
Arrival Car } _____

" Short _____

Consignee U. S. Mint

No claim for shortage will be allowed, unless presented within three days after arrival.
This is intended to be filled out by your Receiving Department

SWORN WEIGHER'S STATEMENT.

Copper Lot No. *21* Kind *B.M. Ingot*

In Car No. *68990*

Weighed by *J. J. Case* Sworn Weigher.

Date *Dec. 5* 191*1*

<i>250</i>	<i>Ingot</i>	<i>4535</i>
<i>250</i>	<i>"</i>	<i>4464</i>
<i>250</i>	<i>"</i>	<i>4460</i>
<i>250</i>	<i>"</i>	<i>4423</i>
<i>193</i>	<i>"</i>	<i>3309</i>
<i>250</i>	<i>"</i>	<i>4342</i>
<i>250</i>	<i>"</i>	<i>4440</i>
<i>250</i>	<i>"</i>	<i>4358</i>
<i>250</i>	<i>"</i>	<i>4445</i>
<i>250</i>	<i>"</i>	<i>4437</i>
<i>250</i>	<i>"</i>	<i>4375</i>
<i>138</i>		<i>2412</i>

2831

50000

J. J. Case

United Metals Selling Company

42 BROADWAY

NEW YORK

WESTERN SHIPMENT.

Invoice No. B4264

Upon arrival of car, SEALS SHOULD BE CAREFULLY INSPECTED and RECORD TAKEN.

Any discrepancies in the number of pieces should be reported to this office IMMEDIATELY, so that an investigation can be started without delay.

From Black Eagle, Mont Date Shipped 12/5/11

Original Car 15884 G. N. Pcs. Shipped 2036 Tugato

Arrival " _____ " Received _____

Seal Record on } _____
Arrival Car } _____

" Short _____

Consignee U. S. Mint

No claim for shortage will be allowed, unless presented within three days after arrival.
This is intended to be filled out by your Receiving Department

DAY LETTER

THE WESTERN UNION TELEGRAPH COMPANY

INCORPORATED

25,000 OFFICES IN AMERICA

CABLE SERVICE TO ALL THE WORLD

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following Day Letter. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Day Letters, sent at reduced rates, beyond a sum equal to the amount paid for transmission; nor in any case beyond the sum of Fifty Dollars, at which, unless otherwise stated below, this message has been valued by the sender thereof, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED DAY LETTER, and is delivered by request of the sender, under the conditions named above.

THEO. N. VAIL, PRESIDENT

BELVIDERE BROOKS, GENERAL MANAGER

RECEIVED AT 1112-1118 17th St., Denver, Colo. ALWAYS OPEN

NOV 1917

G 107 A JE 42 BLUE

HW NEW YORK 23

697

SUPERINTENDENT OF THE MINT

DENVER COLO

AS PER REQUEST OF DIRECTOR ROBERTS WE QUOTE YOU AS
FOLLOWS ON ONE HUNDRED THOUSAND POUNDS ELECTROLYTIC
COPPER THIRTEEN CENTS PER POUND FOB GREATFALLS
MONTANA OR THIRTEEN FORTY FIVE DELIVERED AT MINT
DENVER SUBJECT WIRE ACCEPTANCE TODAY DO NOT
DEAL IN NICKEL

UNITED METALS SELLING CO

126pm Bg

NIGHT LETTER

THE WESTERN UNION TELEGRAPH COMPANY

25,000 OFFICES IN AMERICA

INCORPORATED

CABLE SERVICE TO ALL THE WORLD

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following Night Letter. Error can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Night Letters, sent at reduced rates, beyond a sum equal to ten times the amount paid for transmission; nor in any case beyond the sum of Fifty Dollars, at which, unless otherwise stated below, this message has been valued by the sender thereof, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED NIGHT LETTER, and is delivered by request of the sender, under the conditions named above.

THEO. N. VAIL, PRESIDENT

BELVIDERE BROOKS, GENERAL MANAGER

RECEIVED AT

A 126 CH BO 47 N L

CN Baltimore, Md., Nov. 24, 1911

1333

Sup't U S Mint.,

Denver, Colo.

Director asks us wire you offer hundred thousand pounds Electrolytic Ingot Lowbridge Copper Casks no charge thirteen ninety half during December other half Jan'y Thirty thousand pounds shot nickel five tons each January February March forty six one quarter cents all delivered Mint reply here noon Monday

Jas Clendenin

1 45 AM 25

143
Domestic and Foreign Money Orders by Telegraph and Cable

THE WESTERN UNION TELEGRAPH COMPANY

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and Mexico, and this number is rapidly
increasing.

SEVEN ATLANTIC CABLES

Connecting North America with all points
in Europe and beyond, including Two
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Cable Company, Four Cables of the Anglo-
American Telegraph Company, and One
Cable of the Direct United States Cable Co.

Direct Wires to Galveston, Texas, con-
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Mexican, the Central and South American
Telegraph Companies for all points in
Mexico and Central and South America.

Direct Wires and Cables to Havana,
Cuba, connecting at that place with the
Cuba Submarine and West India and Pan-
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North-Western Telegraph Co. of Canada.

WESTERN UNION
TELEGRAPH
COMPANY

ALL
COMPETING
COMPANIES

THE TWO TELEGRAPH POLES REPRESENT THE
RELATIVE SIZE IN NUMBER OF OFFICES OF
THE WESTERN UNION AS COMPARED WITH ALL
OTHER COMPETING COMPANIES COMBINED

Domestic and Foreign Money Orders by Telegraph and Cable



OFFICE OF
DIRECTOR OF THE MINT
IN REPLYING QUOTE INITIALS

TREASURY DEPARTMENT

WASHINGTON Nov. 21, 1911.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

The following has today been addressed to the Hungerford Brass & Copper Co., Philadelphia; James Clendenning, Baltimore; United Metals Selling Co. and the American Metal Co. Ltd, of New York:-

"Will you please advise the Superintendent of the Mint at Denver at what price you will furnish that Mint with one hundred thousand pounds (100,000) of best electrolytic copper, and thirty thousand pounds (30,000) of nickel suitable for coinage purposes. Please have quotations read on rate per pound "f.o.b. point of shipment, and delivered at the Mint. "

Respectfully,

Geo E Roberts

Director of the Mint.

K

Nov. 21/11

Purchase of
100,000 lbs.

Copper

Beck

Nov. 21, 1911.

Superintendent, U.S. Mint,
Denver, Colorado.

Sir:

The following has today been addressed to the Superintendent:
Barnes & Copper Co., Philadelphia; James Glendinning, Baltimore;
United Metals Selling Co. and the American Metal Co. Ltd., of
New York:-

"Will you please advise the Superintendent of the Mint
at Denver at what price you will furnish that Mint with
one hundred thousand pounds (100,000) of best electrolytic
copper, and thirty thousand pounds (30,000) of nickel sulf-
ate for coinage purposes. Please have quotations reach on
rate per pound 'f.o.b. point of shipment, and delivered
at the Mint."

Respectfully,

Director of the Mint.

X

IMPORTERS OF METALS.

INGOT COPPER,
SOLDERING COPPERS.
SHEET COPPER,
COPPER RODS.
COPPER WIRE,
COPPER RIVETS AND BURS,
COPPER TACKS AND NAILS,
BRASS ESCUTCHEON PINS,
BRASS SHOE NAILS.
STEEL WIRE NAILS,
IRON COBBLERS' NAILS:
CUT AND WIRE NAILS.

CLENDENIN BROTHERS.
OFFICE & WAREHOUSE THAMES & CAROLINE ST.

(MILLER'S WHARF.)

FACTORY, HOFFMAN & REGESTER STS.
ON THE P. R. R.

ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

Superintendent,

U. S. Mint,

Denver, Col.

BALTIMORE, 1/9/08.

B I R

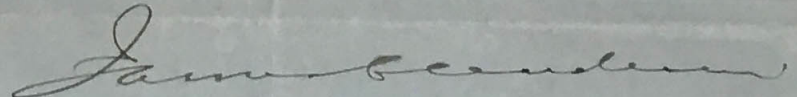
Referring to yours of recent date, we confirm having wired you-
"Copper our usual quality sixteen one half cents pound including
delivery Mint, shipment within week."

We hope we did not delay you but it was impossible to telegraph
you earlier just how quickly we could get out the shipment.

Respectfully,

LJG.

JAMES CLENDENIN.



POSTAL TELEGRAPH



COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

REGISTERED TRADE-MARK. DESIGN PATENT NO. 36369.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

568

Received at

920-17TH ST.

(WHERE ANY REPLY SHOULD BE SENT.)

1C
1052

551ch s 545pm 30

Baltimore Md Feb 4-7

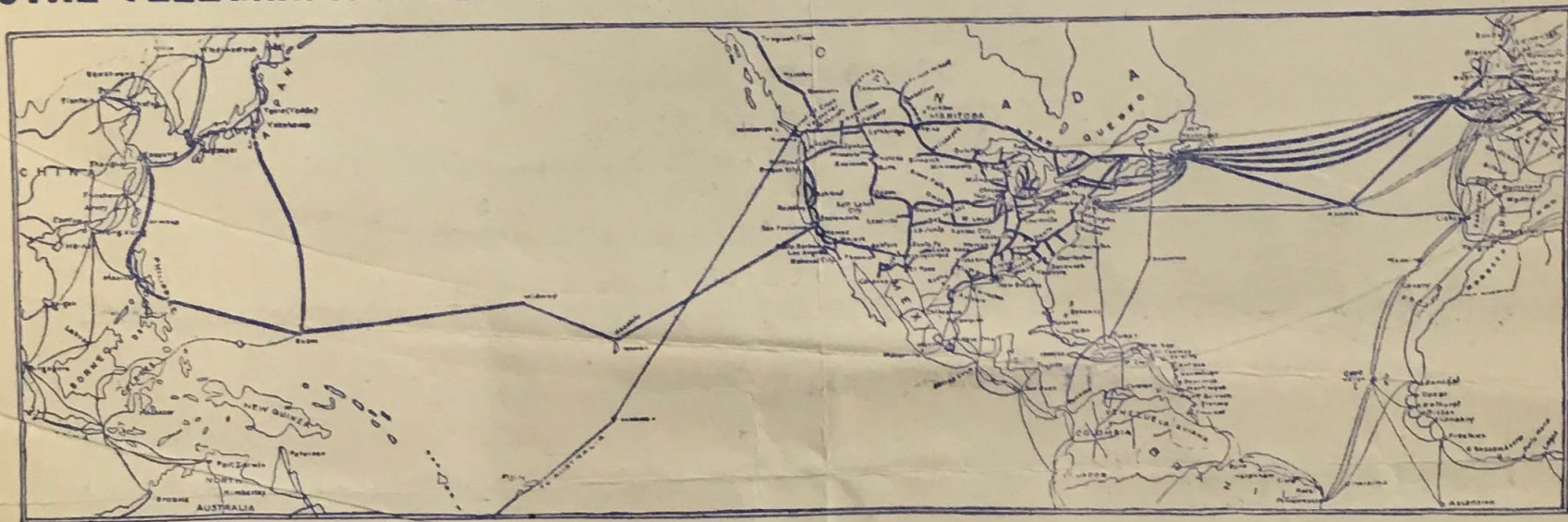
F M Downer

Supt. U.S. Mint Denver Colo

Offer forty casks low bridge ingots same as regularly furnished
different mints twenty seven one half cents per pound delivered
Mint Denver shipment within ten days reply here this week

James Clendenin

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY.



THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY, (INCORPORATED)
TRANSMITS AND DELIVERS THE WITHIN MESSAGE SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS :

To guard against mistakes or delays, the sender of a message should order it REPEATED; that is, telegraphed back to the originating office for comparison. For this one-half the regular rate is charged in addition. It is agreed between the sender of the message written on the face hereof and the Postal Telegraph-Cable Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any UNREPEATED message, beyond the amount received for sending the same; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any REPEATED message beyond fifty times the sum received for sending the same, unless specially insured, nor in any case for delays arising from unavoidable interruption in the working of its lines, or for errors in cipher or obscure messages. And this Company is hereby made the agent of the sender, without liability, to forward any message over the lines of any other Company when necessary to reach its destination.

Correctness in the transmission of messages to any point on the lines of the Company can be INSURED by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles and two per cent. for any greater distance.

No responsibility regarding messages attaches to this Company until the same are presented and accepted at one of its transmitting offices; and if a message is sent to such office by one of this Company's messengers, he acts for that purpose as the agent of the sender.

Messages will be delivered free within the established free delivery limits of the terminal office. For delivery at a greater distance a special charge will be made to cover the cost of such delivery.

This Company will not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED Message and is delivered by request of the sender under the conditions named above. Errors can be guarded against only by repeating a message back to the sending station for comparison.

No employee of this Company is authorized to vary the foregoing

CLARENCE H. MACKAY, PRESIDENT.

JOHN O. STEVENS, SECRETARY.

WILLIAM H. BAKER, V. P. AND GEN'L MANAGER.

NO OTHER SERVICE EQUALS THE "POSTAL'S"

THE WESTERN UNION TELEGRAPH COMPANY.

INCORPORATED

21,000 OFFICES IN AMERICA.**CABLE SERVICE TO ALL THE WORLD.**

This Company **TRANSMITS** and **DELIVERS** messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Messages**, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, President and General Manager.

NUMBER

SENT BY

REC'D BY

CHECK

272 a p ty 32-paid.

RECEIVED at 1114 to 1118 17th St., Denver, Colo.

M. Standard Time.

123190

Oakland, Cal., Feb. 4-07

Dated

To

Frank M. Downs,

U.S. Mint, Denver, Colo.

Twenty tons best electrolytic copper in strips about three by

ten fob Denver twenty seven three quarters cents per pound
shipment within two weeks from receipt of order subject

acceptance this week.

Mountain Copper Co. Ltd.

1105pm

POSTAL TELEGRAPH



COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

439

REGISTERED TRADE-MARK. DESIGN PATENT NO. 36369.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

Received at

920-17TH ST

(WHERE ANY REPLY SHOULD BE SENT.)

16-
1052

41-GS.MS.8-

Tacoma, Wn. Feb. 5, 1907

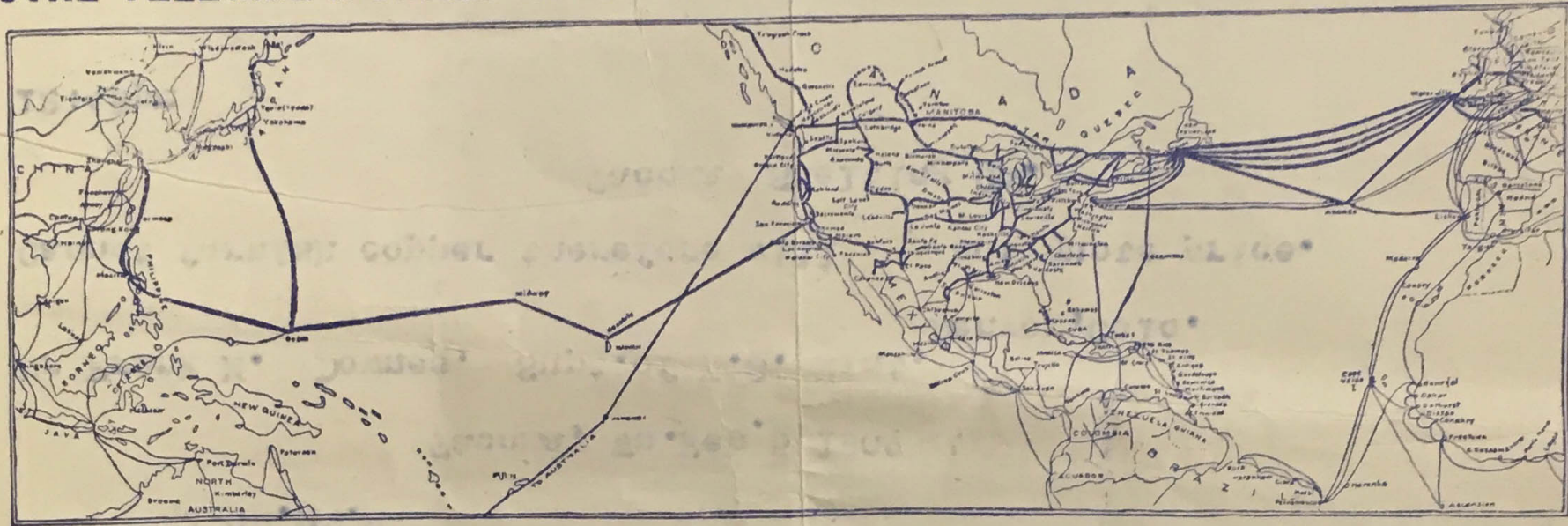
Mr Frank M. Downes, Supt. of U.S. Mint,
Denver, Colo.

Cannot furnish copper therefore will not quote price.

Tacoma Smelting Co.

12:45pm

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY.



THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY, (INCORPORATED)

TRANSMITS AND DELIVERS THE WITHIN MESSAGE SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

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Correctness in the transmission of messages to any point on the lines of the Company can be INSURED by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles and two per cent. for any greater distance.

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No employee of this Company is authorized to vary the foregoing

CLARENCE H. MACKAY, PRESIDENT.

JOHN O. STEVENS, SECRETARY.

WILLIAM H. BAKER, V. P. AND GEN'L MANAGER.

NO OTHER SERVICE EQUALS THE "POSTAL'S"

SELBY SMELTING & LEAD CO.

OFFICE

416 MONTGOMERY ST.

SALES DEPARTMENT
JOHN B. CHACE
MANAGER

San Francisco, January 19, 1907

Mr. F.A. Leach, Sup't,
United States Mint,
5th and Mission Sts.,
C I T Y.

Dear Sir:

We beg to acknowledge your inquiry of
the 18th inst., for the price of 10 tons of
CATHODE COPPER for the Mint at Denver.

We beg to thank you for the opportunity to
quote, but as this is outside of our territory,
we have referred the inquiry to the Tacoma Smelting
Company, whom we trust will quote to your ad-
vantage.

Very truly yours,

John B. Chace
MANAGER SALES DEPARTMENT.

McC

THE MOUNTAIN COPPER CO., LIMITED

MINES

SHASTA COUNTY, CALIFORNIA

REDUCTION WORKS

KESWICK, SHASTA COUNTY, CALIFORNIA
POINT LEWIS, NEAR MARTINEZ, CALIFORNIA

1020 FOURTEENTH STREET

TELEPHONE OAKLAND 7475

P. O. ADDRESS, BOX 715

LEWIS T. WRIGHT

GENERAL MANAGER AND SUPERINTENDING ENGINEER

OAKLAND, CAL. Jan. 21, 1907.

Mr. Frank A. Leach,
Superintendent U. S. Mint,
San Francisco.

Dear Sir:-

Replying to your favor of the 18th inst, we shall be pleased to sell 10 tons of our high grade cathode copper in strips of about 10 inches by 3 inches at a price of 27-1/2 ¢ per pound, delivered at the U. S. Mint in Denver, Colorado. If however we are favored with an order for 15 tons we shall be pleased to sell the copper at a price of 26-1/2 ¢ per pound, delivered at the Mint in Denver.

The difference in the two prices is the difference in carload and less than carload freight rates from San Francisco to Denver. There being no regular movement from San Francisco to Denver, the freight rate on copper is quite high.

In accordance with your request, we are sending this letter in duplicate.

THE MOUNTAIN COPPER CO. Ltd.,
Yours truly,
per *L. T. Wright*

P.S. Owing to our inability to shear these strips at a reasonable price, it is necessary to make them directly in the electrolytic tanks, all of which requires considerable time. We could not therefore promise shipment of 10 to 15 tons short of 3 to 4 weeks after receipt of order.

FOH

THE MOUNTAIN COPPER CO., LIMITED

MINES

SHASTA COUNTY, CALIFORNIA

REDUCTION WORKS

KESWICK, SHASTA COUNTY, CALIFORNIA
POINT LEWIS, NEAR MARTINEZ, CALIFORNIA

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per WA

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FOH

THE MINT OF THE UNITED STATES AT SAN FRANCISCO,

SUPERINTENDENT'S OFFICE,

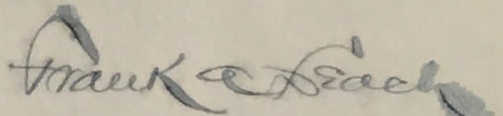
January 22, 1907.

Hon. Frank M. Downer,
Superintendent U. S. Mint,
Denver, Colorado.

Sir:

Herewith please find the bid of the Mountain Copper Company, Ltd., on copper, as requested by you. This copper is in the form of strips 10" long, about 3" wide and of the approximate thickness of 1/2" I also enclose a letter from the Selby Smelting & Lead Co., which is selfexplanatory.

Respectfully,

A handwritten signature in dark ink, appearing to read "Frank A. Beach". The signature is written in a cursive style with a large, sweeping initial "F".

Superintendent.

FAL/s/Enc.

MINT OF THE UNITED STATES AT SAN FRANCISCO,

SUPERINTENDENT'S OFFICE,

1/22/91, 1901

Superintendent.

SUBJECT:

*on contract
Copper*

NO. OF INCLOSURES,

Company, Ltd., on copper, as requested by you. This copper is in the form of strips 10" long, about 3" wide and of the thickness of 1/8". I also enclose a letter from the San Francisco & Lead Co., which is self-explanatory.

Respectfully,

Wm. H. ...

*Respectfully
Wm. H. ...*

Superintendent.

United Metals Selling Company.

42 BROADWAY.

CABLE ADDRESS, "LOHENGRIN."

P. O. BOX, 1247.

NEW YORK, JAN 21 1908

United States Mint

Denver, Col.

Dear Sir:

We beg to inform you that, according to telegraphic advice received from Black Eagle, Mont., there was shipped for your account from that point:

Jan 20th

30000 lbs N E C Ingot Copper

Invoice will follow in due course.

Yours truly,

United Metals Selling Co.
J. B.

Boston & Montana
Consolidated Copper & Silver Mining Co.
Great Falls, Montana.

December 30th, 1907.

Mr. Frank M. Downer,
Superintendent United States Mint,
Denver, Colo.

Dear Sir:---

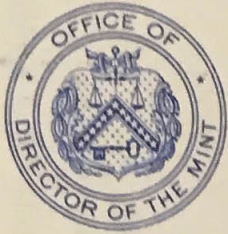
We are in receipt of your letter of December 26th, asking for quotation on fifteen tons best electrolytic copper, cast in ingots, F. O. B. Denver.

We have referred your letter, by telegraph, to United Metals Selling Co., No. 42 Broadway, New York, who will quote you direct.

Yours very truly,

A. Wheeler
S.

Superintendent.



TREASURY DEPARTMENT

WASHINGTON January 15, 1908.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

Referring to your letter of the 9th instant recommending the purchase of fifteen tons of the best electrolytic copper, you are respectfully informed that proposals were solicited from the United Metals Selling Company of New York, and Clendenin Bros., of Baltimore, Md. I have today accepted the proposal of the United Metals Selling Company to furnish 15 tons of the best electrolytic copper to be delivered at your mint at the rate of 14-3/4¢ per pound.

Respectfully,

A handwritten signature in cursive script, reading "Frank A. Beach", is written over the typed name.

Director of the Mint.

TREASURY DEPARTMENT,

BUREAU OF THE MINT,

1/14/90

Director of the Mint.

SUBJECT:

Credit proposed
United States
American
March 15 this day
Electricity
14-3/4

No. of Inclosures

best electrolytic copper, you are respectfully informed
that proposals were solicited from the United States
Mining Company of New York, and elsewhere from
Baltimore, Md. I have today accepted the proposal of
the United States Mining Company to furnish to you
of the best electrolytic copper to be delivered at
your mint at the rate of 14-3/4 per pound.

Respectfully,

Director of the Mint.

INGOT COPPER,
SOLDERING COPPERS,
SHEET COPPER,
COPPER RODS,
COPPER WIRE,
COPPER RIVETS AND BURS,
COPPER TACKS AND NAILS,
BRASS ESCUTCHEON PINS,
BRASS SHOE NAILS,
STEEL WIRE BRADS,
IRON COBBLERS' NAILS,
CUT AND WIRE NAILS.

CLENDENIN BROTHERS,
OFFICE & WAREHOUSE THAMES & CAROLINE ST.

(MILLER'S WHARF.)

FACTORY, HOFFMAN & REGEISTER STS.
ON THE P. R. R.

ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

IMPORTERS OF METALS.

BALTIMORE,

5/9/1907.

Frank M. Downer, Superintendent,

U S Mint,

Denver, Col.

Dear Sir-

We have your telegram-

"In re my telegram April 24th cancelling balance eighteen half tons copper of order March 18th for non fulfillment time provision your shipment April 25th has arrived have declined to receive that or subsequent shipments forced purchase elsewhere has exhausted this years appropriation will accept July 1st dating of bill at contract price or market quotation that date and receive copper now and pay then wire answer".

We confirm having wired you-

"Receive copper we accept July first dating at contract price."

Respectfully

JAMES CLENDENIN.

POSTAL TELEGRAPH



COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

490

REGISTERED TRADE-MARK. DESIGN PATENT NO. 36369.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

Received at Main Office, 920 17th Street, Ernest & Cranmer Building, Denver. (TELEPHONES 4500, 4501)

58Ch Z. 10x 12lp

Baltimore, MD. May 9'07.

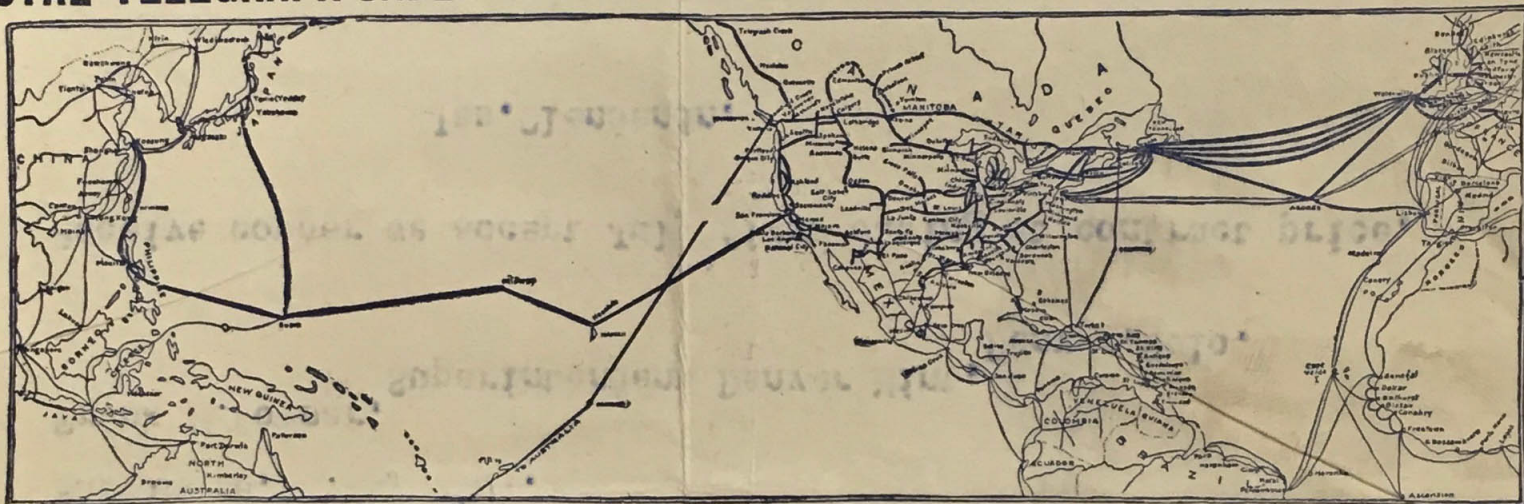
Frank M. Downer,
Superintendent Denver Mint,
Denver, Colo.

Receive copper we accept July first dating at contract price.

Jas. Clendenin.

16. D
4100.

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY.



THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY, (INCORPORATED)
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SHEET COPPER,
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COPPER RIVETS AND BURS,
COPPET TACKS AND NAILS,
BRASS ESCUTCHEON PINS,
BRASS SHOE NAILS,
STEEL WIRE BRADS,
IRON COBBLERS' NAILS,
CUT AND WIRE NAILS.

CLENDENIN BROTHERS,
OFFICE & WAREHOUSE THAMES & CAROLINE ST.

(MILLER'S WHARF.)

FACTORY, HOFFMAN & REGESTER STS.
ON THE P. R. R.

ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

IMPORTERS OF METALS.

BALTIMORE,

4/30/1907

Frank M Downer, Superintendent,
U S Mint,
Denver, Col.

Dear Sir-

As we have previously advised you the balance of the Copper
on contract goes forward tonight or tomorrow morning in one lot via
Norfolk & Western Despatch.

Respectfully,

JAMES CLENDENIN.

This letter Read. 5/2

POSTAL TELEGRAPH



COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

REGISTERED TRADE-MARK. DESIGN PATENT NO. 36369.

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Received at Main Office, 920 17th Street, Ernest & Cranmer Building, Denver. (TELEPHONES 4500, 4501)

356Ch J. 20X 315p

Baltimore, Md. Apr 15 '07

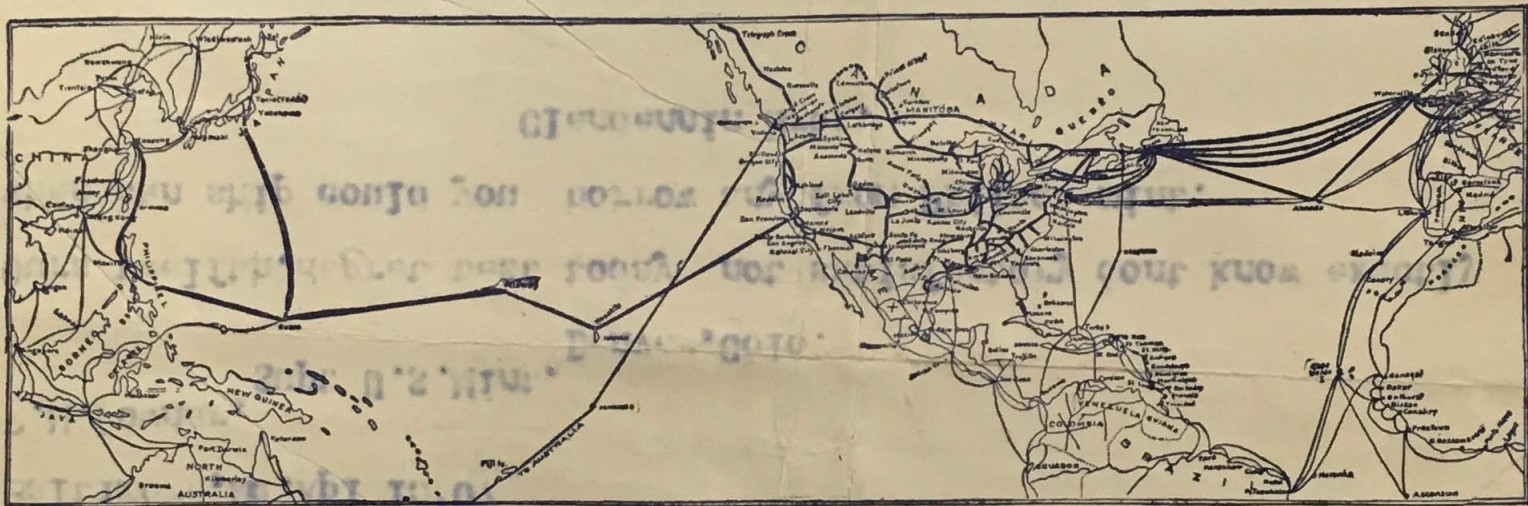
F.M. Downer,
Supt U.S. Mint,
Denver, Colo.

Ours twelfth. Regret test today not satisfactory dont know exactly
when can ship could you borrow any from Philada mint.

Clendennin Bros.

16. D
WIC5.

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BRASS ESCUTCHEON PINS,
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STEEL WIRE BRADS,
IRON COBBLERS' NAILS,
CUT AND WIRE NAILS.

CLENDENIN BROTHERS.
OFFICE & WAREHOUSE THAMES & CAROLINE ST.

(MILLER'S WHARF.)

FACTORY, HOFFMAN & REGESTER STS.
ON THE P. R. R.

ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

IMPORTERS OF METALS.

BALTIMORE,

4/23/1907.

Superintendent,

U S Mint,

Denver, Col.

Recd. May 1/07

Sir-

Referring to our shipment last week small lot of Copper to keep you
going we beg to advise it went forward in D L & W car 26344 from Norfolk Va.

Respectfully,

JAMES CLENDENIN.

INGOT COPPER,
SOLDERING COPPERS,
SHEET COPPER,
COPPER RODS,
COPPER WIRE,
COPPER RIVETS AND BURS,
COPPET TACKS AND NAILS,
BRASS ESCUTCHEON PINS,
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(MILLER'S WHARF.)

FACTORY, HOFFMAN & REGESTER STS.
ON THE P. R. R.

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IMPORTERS OF METALS.

BALTIMORE,

4/12/1907.

Frank M. Downer, Superintendent,

U S Mint,

Denver, Col.

Sir-

We have your telegram-

"Has twenty ton copper shipment promised April first been made if
cannot ship entire order please hasten shipment of portion."

We have tried twice this month to make shipment, but each time it
did not come up to standard. We certainly hope a satisfactory test will take
place on Monday morning next so we hope by Monday night or not later than
Tuesday at noon to telegraph you just exactly when it will go off. You
appreciate the fact that the greatest care possible has to be used in making
this Mint Copper and the charges have to be perfectly clean before they are
started. We feel that we can almost positively say that the shipment will
go forward not later than Wednesday next. After it is made it is only a
question of packing and that would take just about one day.

Respectfully,

JAMES CLENDENIN.

INGOT COPPER,
SOLDERING COPPERS,
SHEET COPPER,
COPPER RODS,
COPPER WIRE,
COPPER RIVETS AND BURS,
COPPER TACKS AND NAILS,
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ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

IMPORTERS OF METALS.

BALTIMORE,

3/5/1907.

Frank M. Downer, Superintendent,

U S Mint,

Denver, Col.

Sir-

We beg to acknowledge receipt of your telegram-

"Your proposal Copper 2nd inst accepted please
expidite delivery".

We thank you.

Respectfully

JAMES CLENDENIN.

INGOT COPPER,
SOLDERING COPPERS,
SHEET COPPER,
COPPER RODS,
COPPER WIRE,
COPPER RIVETS AND BURS,
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ON THE P. R. R.

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IMPORTERS OF METALS.

BALTIMORE.

3/6/1907.

F. M. Downer, Superintendent

U S Mint,

Denver, Col.

~~Sir-~~

We have your telegram and thank you. The order is placed in hand and the works say they expect to ship on or before the 15th.

Respectfully,

JAMES CLENDENIN.

INGOT COPPER,
SOLDERING COPPERS,
SHEET COPPER,
COPPER RODS,
COPPER WIRE,
COPPER RIVETS AND BURS,
COPPET TACKS AND NAILS,
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ADDRESS ALL COMMUNICATIONS TO P. O. BOX 1002.

IMPORTERS OF METALS.

BALTIMORE.

3/25/1907.

Superintendent,

U S Mint,

Denver, Col.

Sir-

We enclose a letter from the Norfolk & Western Railway Co. in reference to a shipment which we made you last week Copper and shall hope that the time that they claim to be able to make may be verified.

Respectfully,

JAMES CLENDENIN.

NORFOLK & WESTERN RAILWAY,

NO. 107 EAST BALTIMORE STREET.

J. R. RUFFIN,

General Freight Agent, Roanoke, Va.

THOS. E. BARRETT,

Agent, Baltimore, Md.

BALTIMORE. MD.

March 23, 1907

In your reply refer to subject

Cor.203

Messrs. Clendenin Bros.,

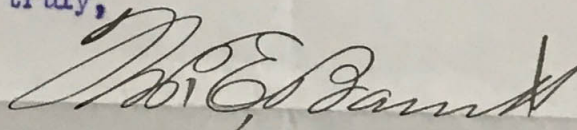
City

Gentlemen:

I have your favor 29th inst. regarding shipment four casks copper for the U.S. Mint, Denver Colo, routed N.&W.D.- I appreciate very much this shipment and assure you I will do everything possible to see that shipment is forwarded to destination with all possible care and despatch.

I would state in this connection that we load car with package freight at Norfolk daily and it does not break bulk until it reaches Denver. We make six to seven days from Norfolk.

Yours truly,



Agent

Baltimore, Md.

3/2/1907.

Frank M. Downer, Superintendent,

Mint of the United States at Denver,

Denver, Col.

Sir-

Noting your favor of the 27th ult. we are pleased
to quote you-

2 tons say 4000 lbs Best Electrolytic
Low Bridge Ingot Copper same as we regularly furnish
the different Mints, at 27 1/2¢ per pound no charge for
packages, including delivery at the office of the
Mint Denver Col. prompt cash in New York funds on
receipt of shipment. The offer is subject to acceptance
to reach us by Thursday next. We are now making a lot
for one of the Mints, and therefore can work in this lot
promptly. Shall be pleased to have your order.

Respectfully,

JAMES CLENDENIN.

James Clendenin

*Accepted for
3/2/07*

James Buchanan
3/5/67

Copper Refractor

Patented March 4/6/67

James E. Sawyer, Superintendent
Plant of the United States at Denver,
Colorado, U.S.A.

Noting your letter of the 21st inst. we are pleased

to quote you -

A tone say 4000 lbs Best Manganese
Low grade Lager Copper same as we regularly furnish
the different kinds, at 17 1/2¢ per pound no charge for
packing, including delivery at the office of the
First Denver Co. Goods cash in New York funds on
receipt of shipment. The offer is subject to acceptance
to reach us by Thursday next. We are now making a lot
for use at the State, and therefore can work in this for
promptly. Shall be pleased to have your order.

JAMES E. SAWYER

0-1174/10/67



TREASURY DEPARTMENT

WASHINGTON February 14, 1910.

Superintendent, U. S. Mint,
Denver, Colorado.

Sir:

In compliance with the request contained in your letter of the 9th instant you are authorized to dispose of the following old material at the best prices obtainable, by addressing circular letter to dealers in such materials, accepting the highest proposal in each case, and depositing the proceeds in the Treasury as proceeds of sale of old material:-

Iron, consisting of pipe, fittings, grate bars, hoops, and other scrap -----	10,208 lbs.
Clean copper scrap -----	251 "
Copper wire -----	157 "
Brass, old valves, fittings, etc., -----	273 "
Brass shavings -----	474 "
Zinc -----	15 "
Lead, melted and run into bricks -----	12,867 "

Respectfully,

A. Piatt Andrew

Director of the Mint.

TREASURY DEPARTMENT,

OFFICE OF THE DIRECTOR OF THE MINT,

....., 19.....

Director of the Mint.

SUBJECT:

No. of Inclosures

	Bogues Lead Co.	Cols. Lead Lohs.	Cols. Iron & Metal Co.	Western Iron & Metal Co.	Cols. Plumbing Supply Co.	Max. Harrison
Iron			1/2 lb.	.00575 ✓	.00475	.004
Copper Scrap			10 1/2 "	.1125 ✓		.09
" Wire			8 1/2 " ✓	.08	.08	.07
Brass			10 "	.1110 ✓	.095	.09
" Shavings			8 "	.0910 ✓	.075	.07
Zinc			3 1/2 " ✓	.0350	.03	.03
Lead	.04 3/4	.0448	.0482 ✓	.0460	.0475	.0460

70
34

104
2136
10

73
34

107
2139
29

Bids to Purchase Scrap Metals from
U. S. Mint, Alameda, Cal. —

BIDS TO PURCHASE SCRAP METALS FROM

U. S. MINT-DENVER, COLO.

	Bogue Lead Co.	Colo. Lead Wks.	Colo. Iron & Metal Co.	Western Iron & Metal Co.	Colo. Plumbing Supply Co.	Max Bernson
Iron	--	--	\$.00 $\frac{1}{2}$ lb.	\$.00575 ✓	\$.00475	\$.004
Copper Scrap	--	--	.10 $\frac{1}{2}$ "	.1125 ✓	---	.09
" Wire	--	--	.08 $\frac{1}{2}$ "	.08	.08	.07
Brass	--	--	.10 "	.1110 ✓	.095	.09
Brass Shavings	--	--	.08 "	.0910 ✓	.075	.07
Zinc	--	--	.03 $\frac{1}{2}$ "	.0350	.03	.03
Lead	\$.04 $\frac{3}{4}$	\$0448	.0482 "	.0465	.0475	.0465

RESULTS OF SALE

Iron	10,390 lbs.	@	.00575	=	\$ 59.74
Copper Scrap	245 "	@	.1125	=	27.56
Copper Wire	166 $\frac{1}{2}$ "	@	.085	=	14.15
Brass	259 "	@	.111	=	28.75
Brass Shavings	488 "	@	.091	=	44.41
Zinc	15 "	@	.035	=	.53
Lead	13,340 "	@	.0482	=	642.99
Total					\$818.13

C.W. Forward
2/24/10

Results of Sale

TREASURY DEPARTMENT.

Iron 10,390 lbs. @ .00575	59.74
Copper scrap 245 lbs. @ .1125	27.56
... wire 166 1/2 lbs. @ .085	14.15
Brass 259 lbs. @ .111	28.75
Brass shavings 488 lbs. @ .091	44.41
Zinc 15 lbs. @ .035	.53
Lead 13,340 lbs. @ .0482	642.99
Total	<hr/> \$ 818.13

TREASURY DEPARTMENT.

$$\begin{array}{r}
 13340 \\
 .0482 \\
 \hline
 26680 \\
 106720 \\
 \hline
 \sqrt{33160} \\
 \# 642.9880 \text{ Lead}
 \end{array}$$

$$\begin{array}{r}
 642.99 \\
 14.15 \\
 \hline
 , 153
 \end{array}$$

$$\begin{array}{r}
 166.5 \\
 .085 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \# 657.67
 \end{array}$$

$$\begin{array}{r}
 8325 \\
 13320 \\
 \hline
 141525 \text{ cop. wire}
 \end{array}$$

$$\begin{array}{r}
 15 \\
 .0312 \\
 \hline
 45
 \end{array}$$

$$\begin{array}{r}
 8 \\
 \hline
 \sqrt{3} \text{ of zinc}
 \end{array}$$

$$\begin{array}{r}
 \# 657.67
 \end{array}$$

OK
adjusted
out cash

Univ

Brass:

259 lbs.

.111

259

259

259

\$28.749

Copper

245 lbs.

.1125

1225

490

245

\$27.5625

Brass Rhodine

488 lbs.

.091

488

4392

\$44.408

Iron

10390

.00575

51950

72730

51950

\$59.74250

28.75

27.56

44.41

59.74

\$160.46

TREASURY DEPARTMENT.

3.620-

.75-

18120-

20370-

271870-

TREASURY DEPARTMENT.

Madison
Copper Wire 8 1/2 c ~~642.99~~ 14.10 \$13.30
Zinc 2 1/2 c .53 .53
Lat. 10482 c 642.99 ~~640.19~~
\$ 657.67 634.07

Prices

Iron 1000-75- 59.74 ~~58.70~~
Copper 1125- ~~27.56~~ 28.24
Brass 1110 28.75 ~~30.30~~
" Storage 0910 44.41 ~~43.13~~
\$ 160.46 ~~160.37~~

Total ~~\$ 794.44~~
\$ 818.13

THE WESTERN IRON AND METAL YARD CO.

DEALERS IN

SCRAP IRON, METALS OF ALL KINDS, RUBBER AND RAGS

CAR LOAD LOTS A SPECIALTY

ALL KINDS OF SACKS

Telephone 828 Main

1325-27-29 Eleventh St.

E. GRIMES, PRESIDENT

Denver, Colo., Feb. 9-1910. 19

Mint of the United States,

Frank M. Downer Supt.

Denver Colo.

Dear Sir:-

We offer you for your material which you have at your mint as follows:-

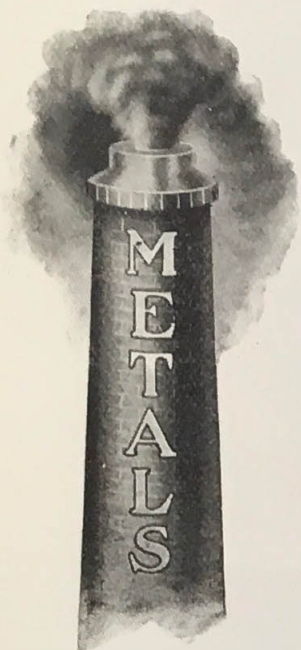
Iron	\$11.50	per net ton
Clean Copper Scrap	11.25	" 100 lbs.
Coper Wire with insulation	\$8.00	per 100 lbs.
Brass	11.10	per 100 lbs.
Brass Shavings	9.10	" " "
Zinc	3.50	" " "
Lead	4.65	" " "

All f.o.b. U.S. Mint, Denver. If accepted kindly advise. And oblige,

yours truly,

The Western Iron & Metal Yd. Co.

Per.....



THE BOGUE LEAD COMPANY

IMPORTERS AND MANUFACTURERS

OFFICE AND WORKS
1809-11-13-15 BLAKE STREET

DENVER, COLO., U. S. A. Feb. 7th, 1910

Mr. Frank M. Downer,

Supt. of The Mint of The United States,

Denver, Colo.

Dear Sir:-

In compliance with your letter of Feb. 2nd we herewith hand you our bid in Duplicate upon the Lead you have for sale.

For the 12,867 Lbs. of Lead you have melted into Bricks we will allow you 4 3/4¢ per pound or \$611.18; the hauling to be done at our expense.

Hoping for your favorable consideration, we are,

Yours truly,

THE BOGUE LEAD COMPANY.

R. Wensley Jr.
President.

THOS. P. HUGHES, PRES.

"FORWARD"

JOHN T. LUND, SEC'Y AND TREAS.

TELEPHONES MAIN 8183 AND 470

THE COLORADO LEAD WORKS COMPANY

MANUFACTURERS AND DEALERS IN

PIG LEAD, LEAD PIPE, SHEET LEAD, CAME LEAD
SOLDER, BABBITT AND DRUM-TRAPS

1516 BLAKE STREET

DENVER, COLO., Feb. 8, 1910. 19.....

Frank M. Downer,
Supt. Mint of the United States,
Denver, Colorado.

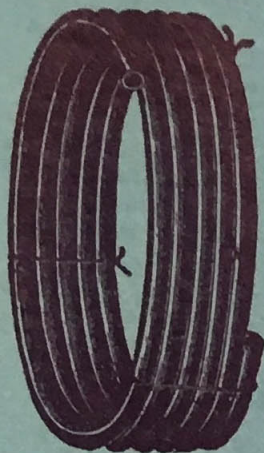
Dear sir:--

We are pleased to quote you \$4.48 per hundred pounds
for the pure lead in bricks.

Very respectfully,

THE COLORADO LEAD WORKS CO.

By.....
Sec'y and Treas.



Feb. 1910

18.12 on old
material
berrada

10040 RJ 104. M. 17+

